

FIG.1

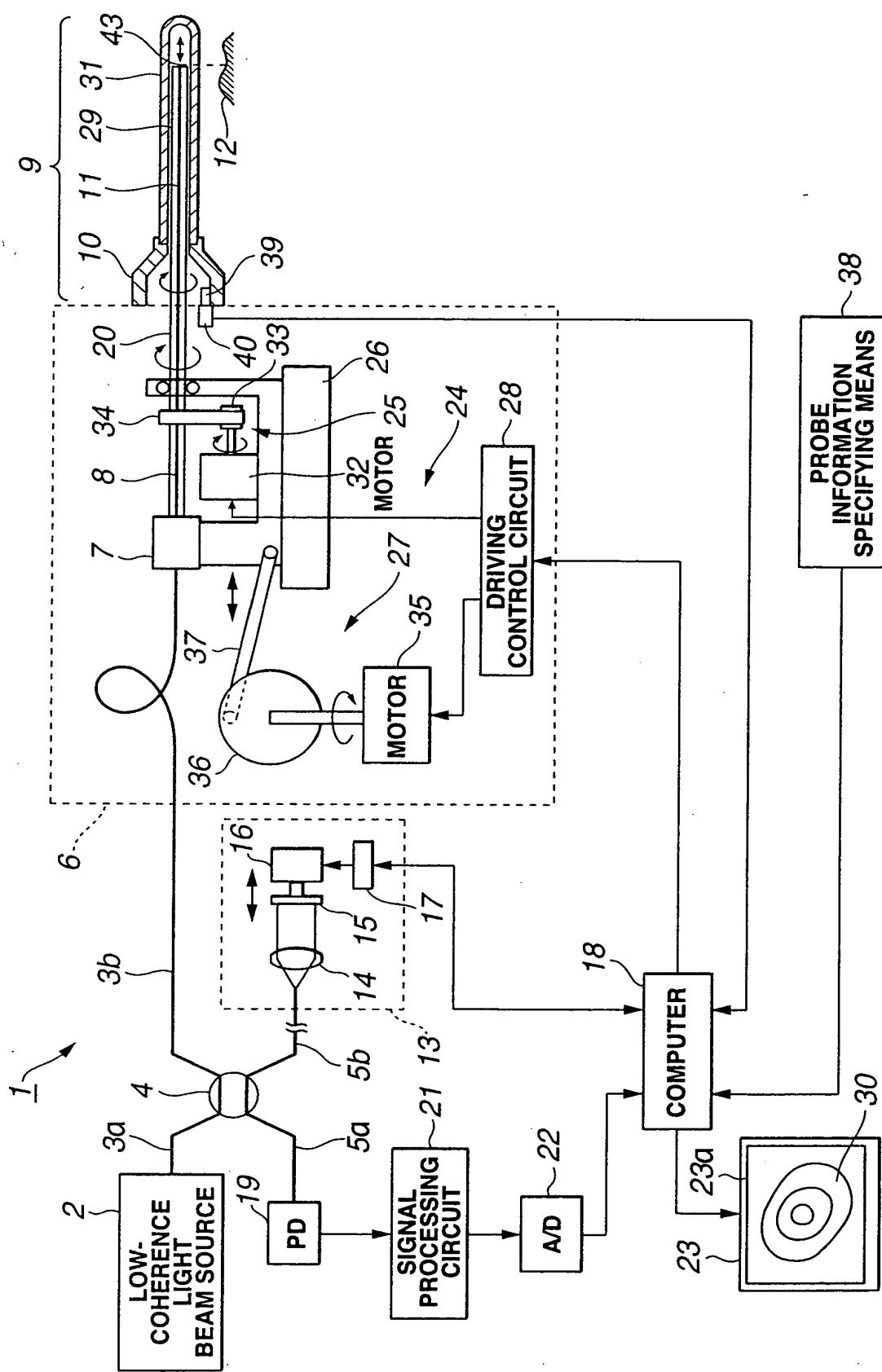


FIG.2

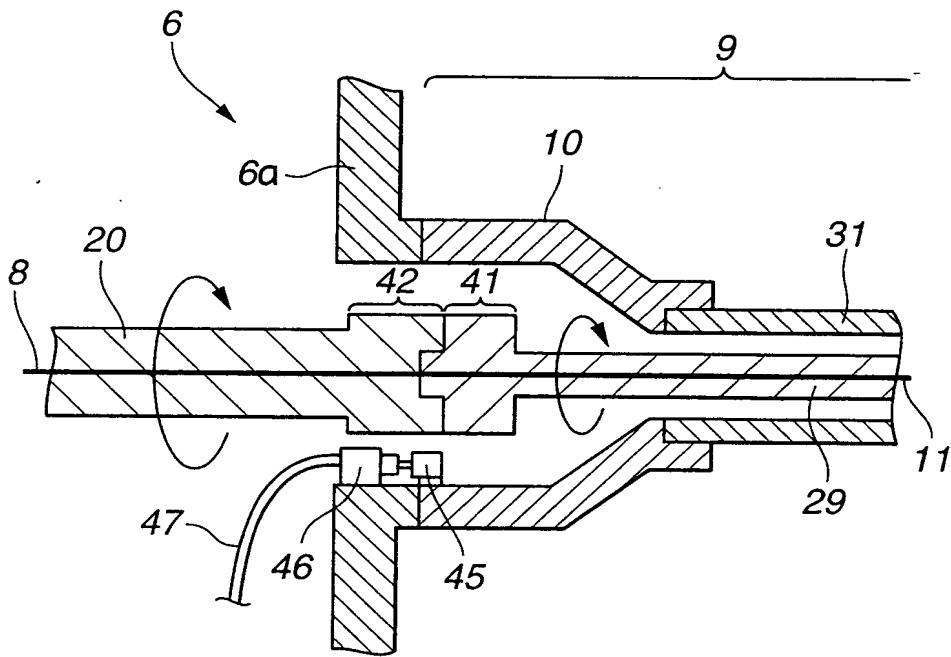


FIG.3

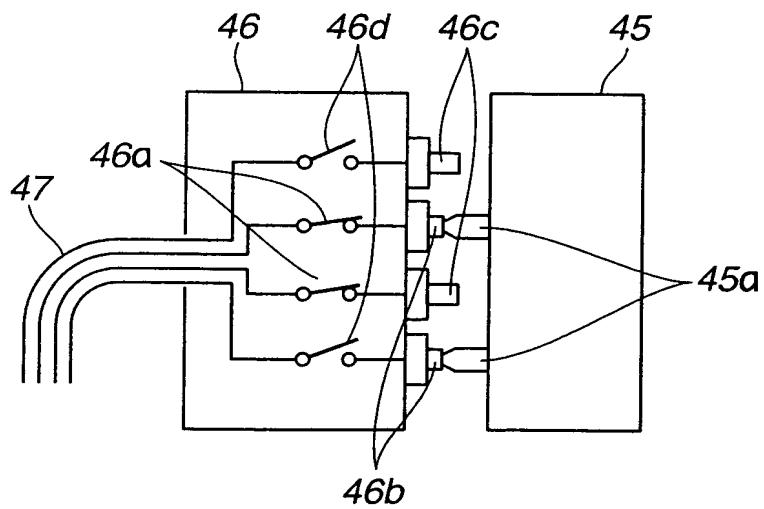


FIG.4

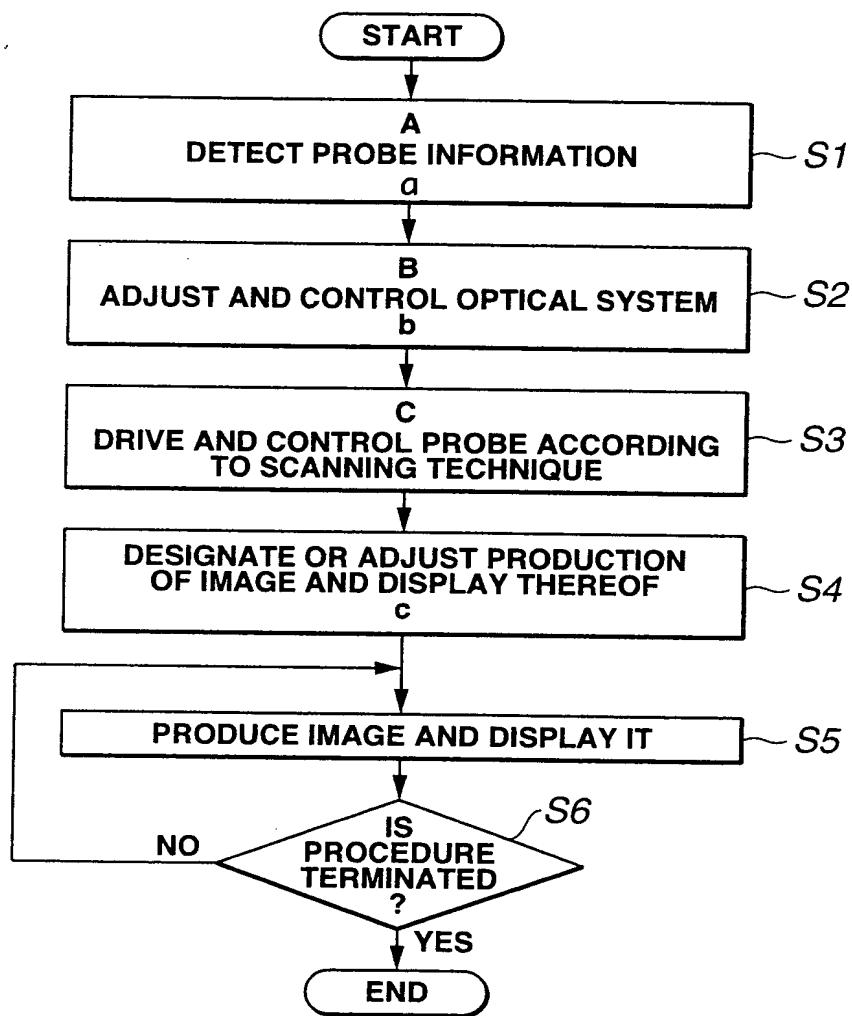


FIG.5

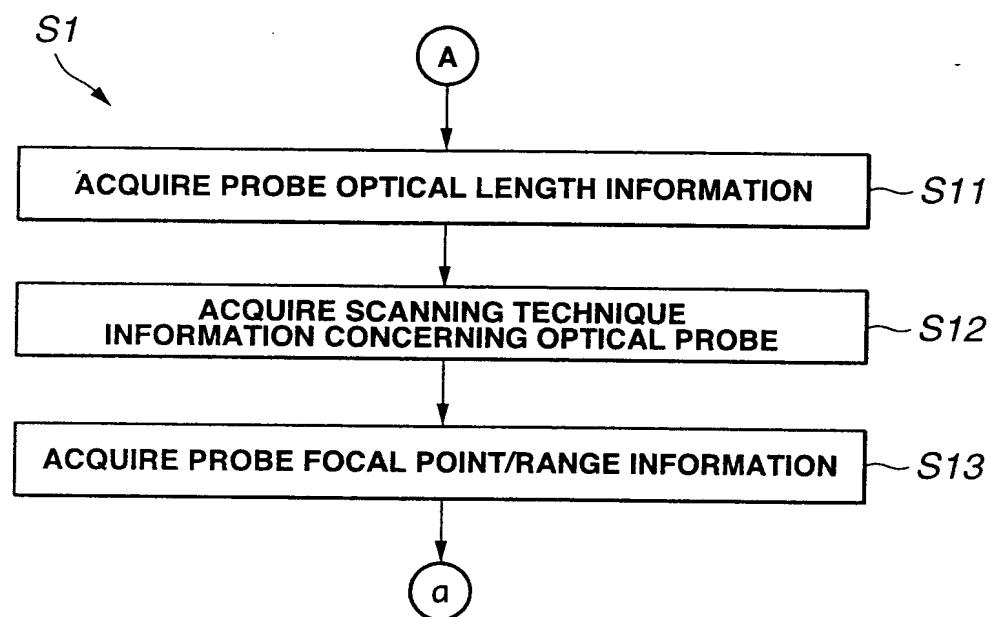


FIG.6

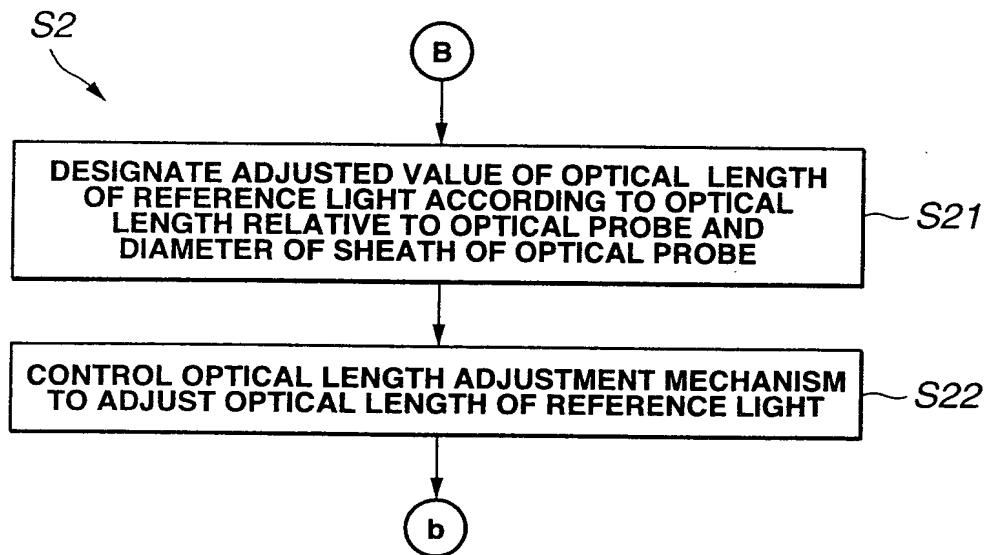


FIG. 7

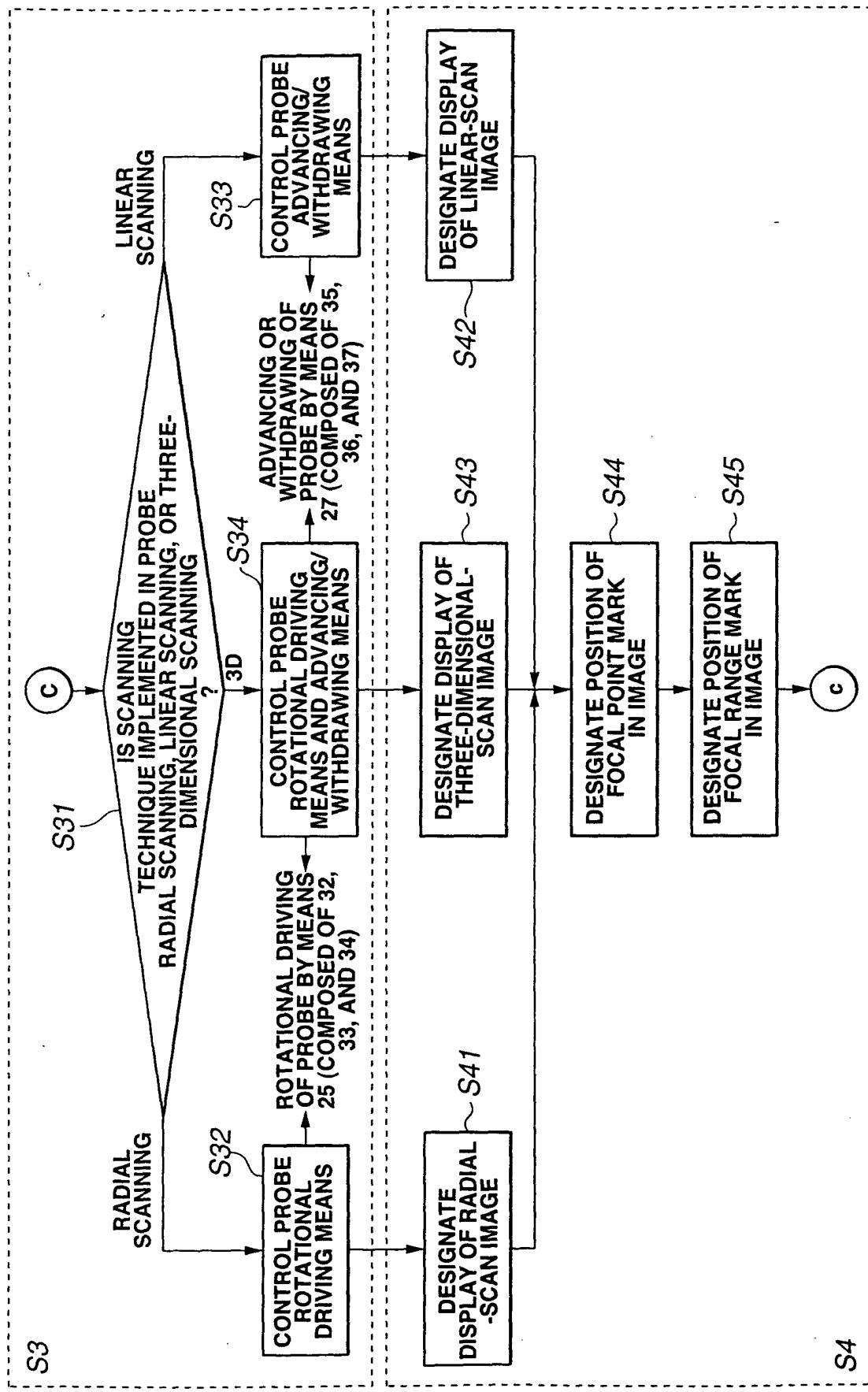


FIG.8

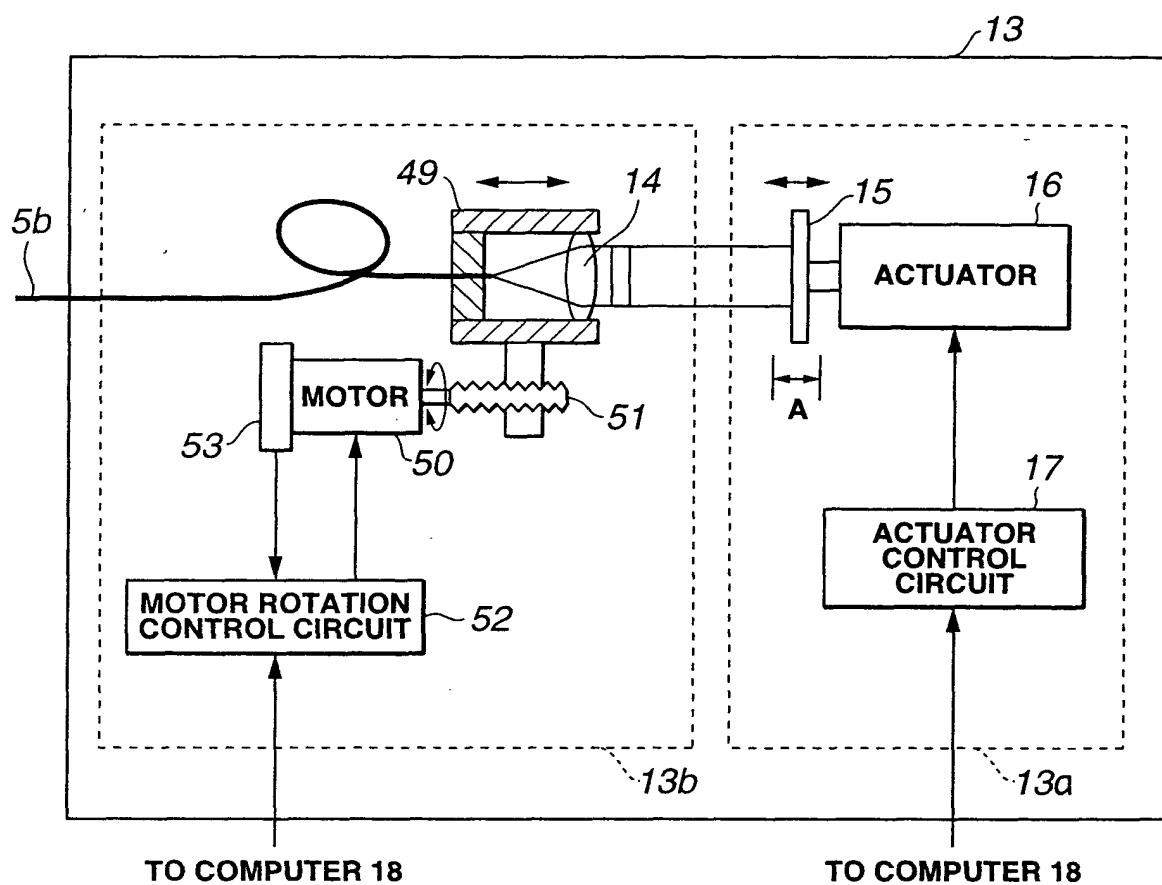


FIG.9A

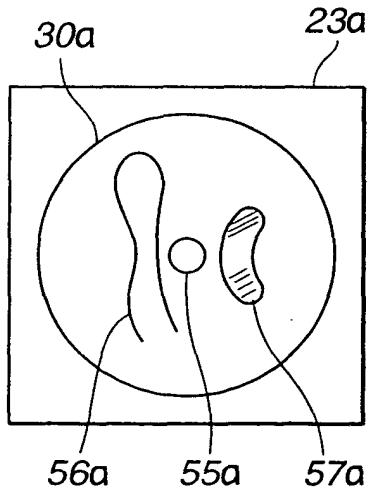


FIG.9B

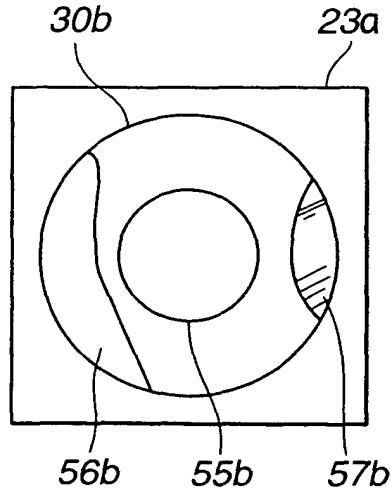


FIG.10

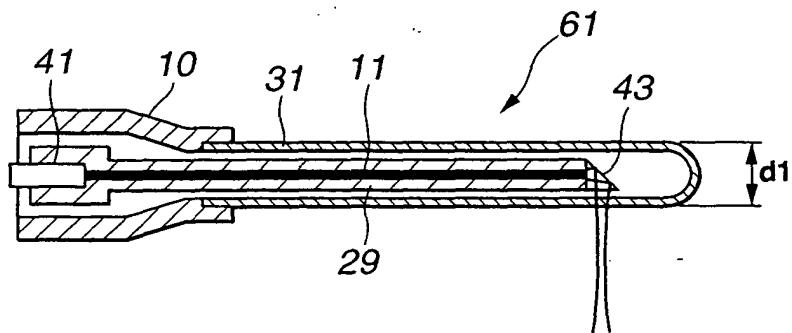


FIG.11

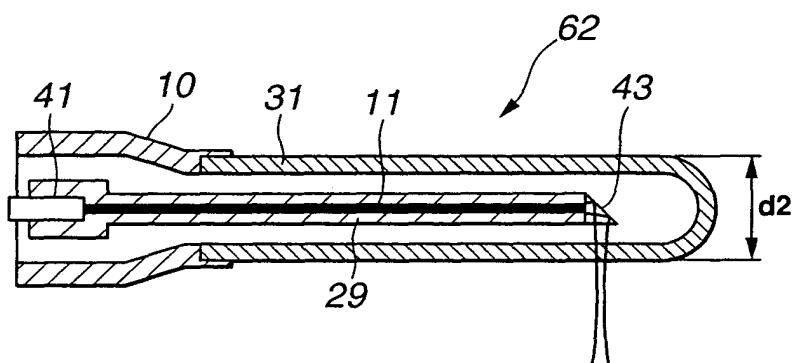


FIG.12

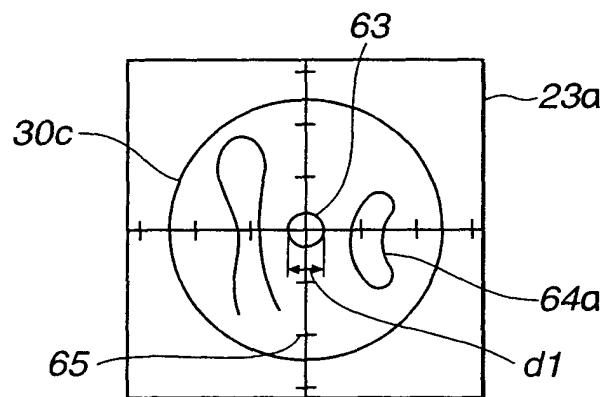


FIG.13

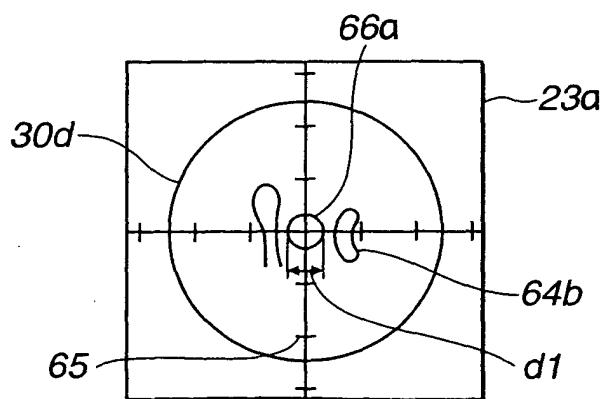


FIG.14

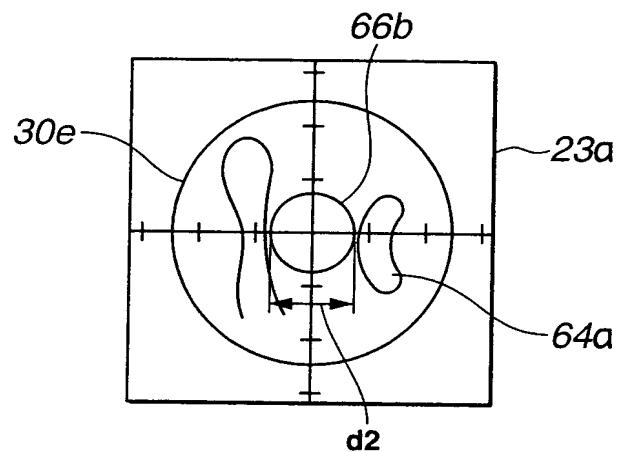


FIG.15

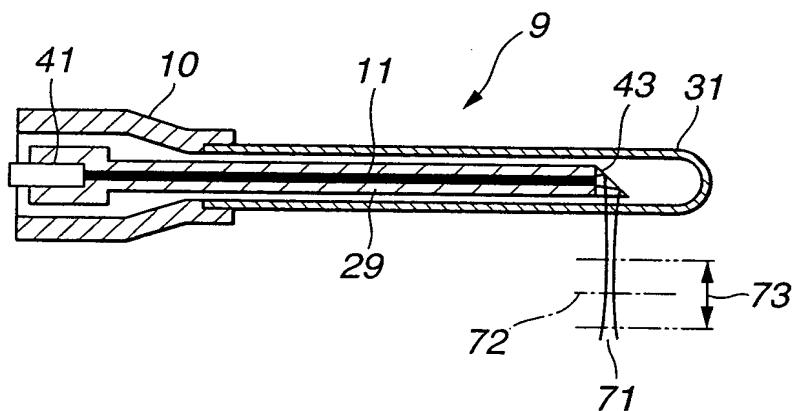


FIG.16

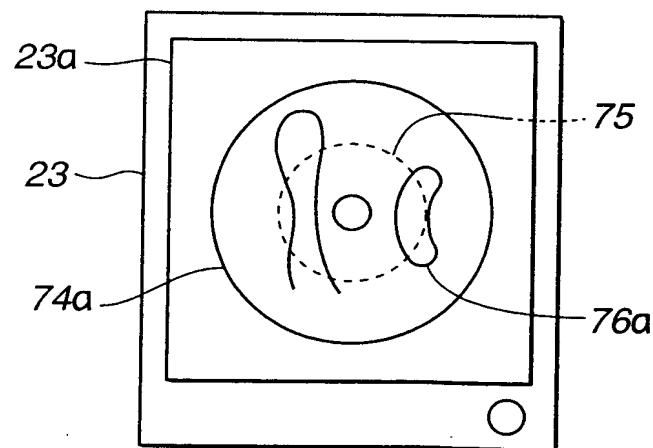


FIG.17

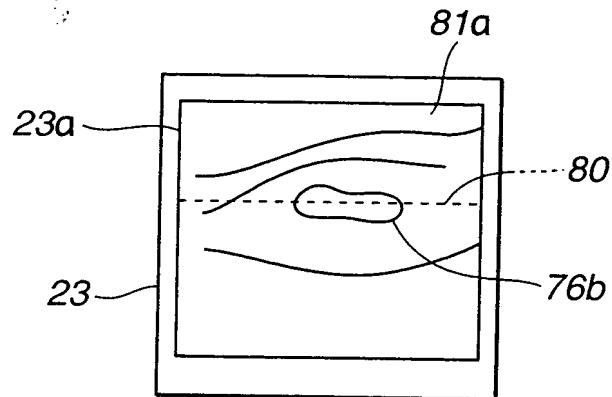


FIG.18

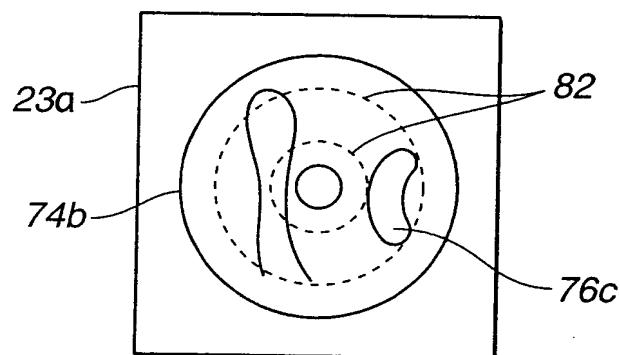


FIG.19

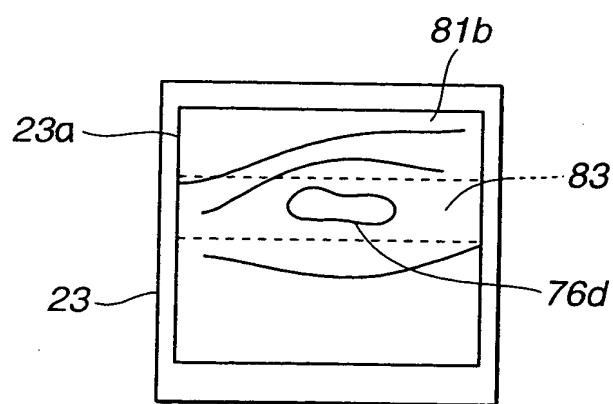


FIG.20

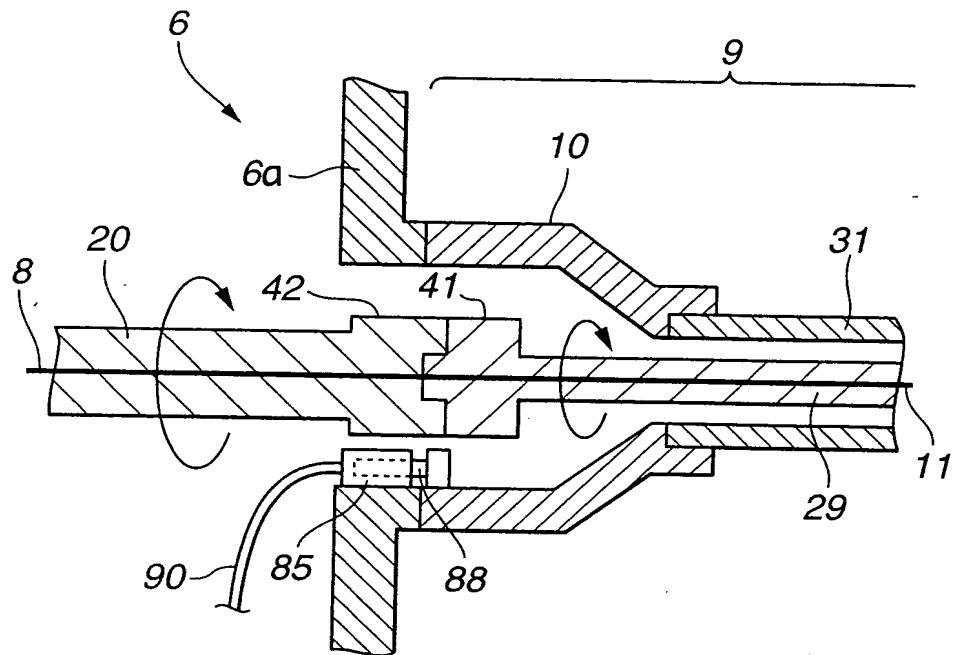


FIG.21

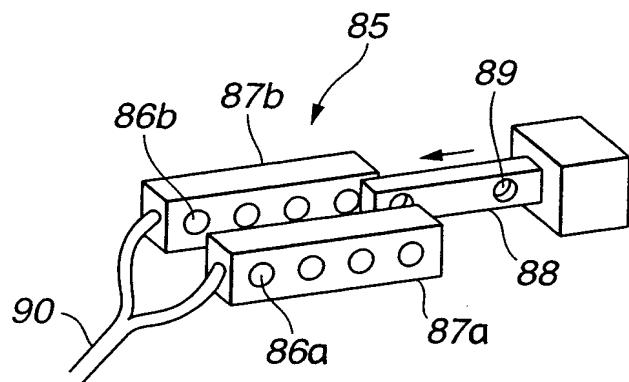


FIG.22

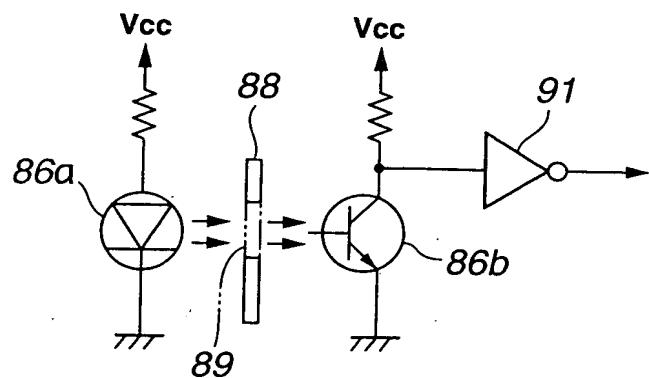


FIG.23

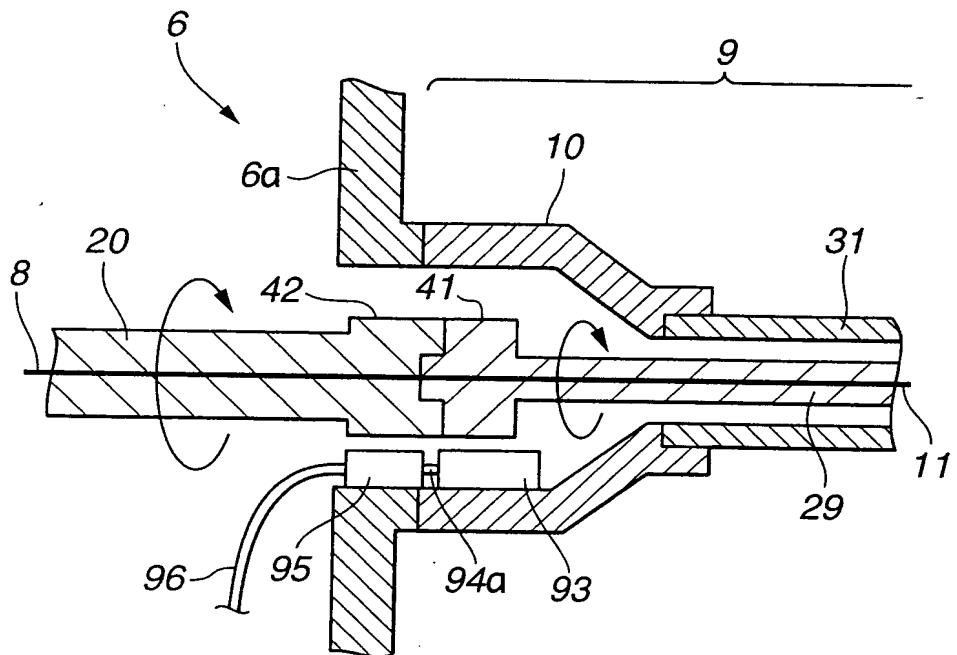


FIG.24

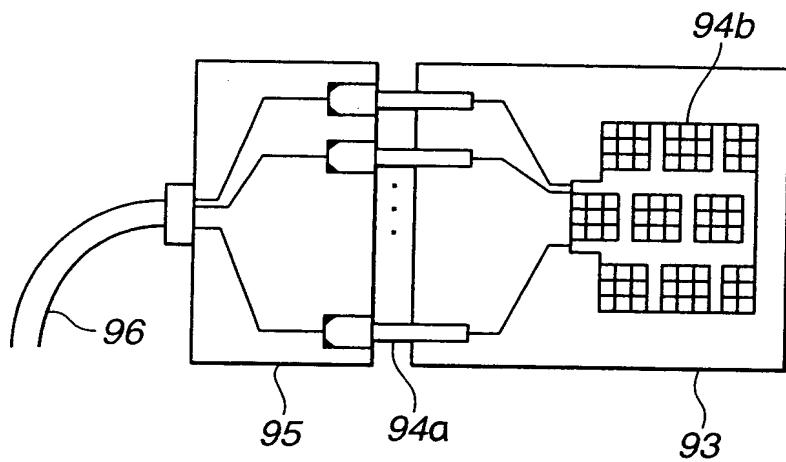


FIG.25

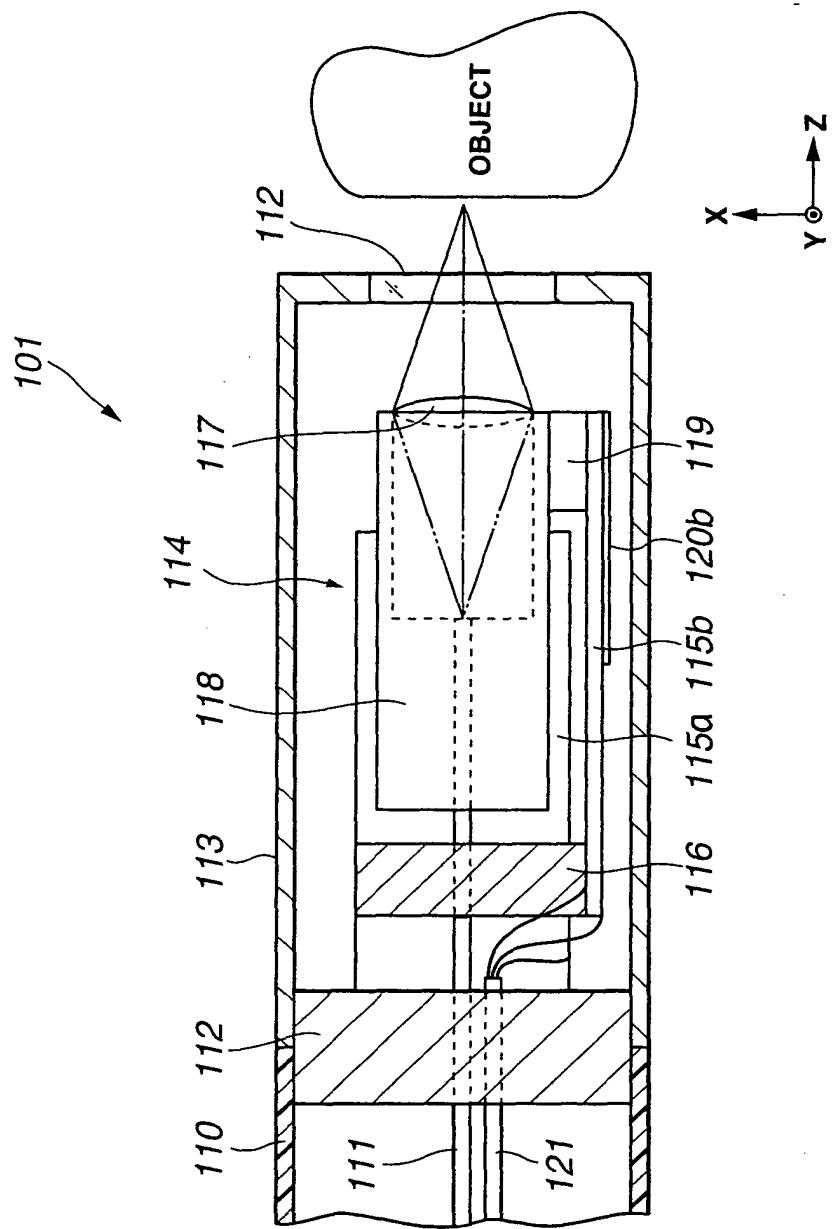


FIG.26

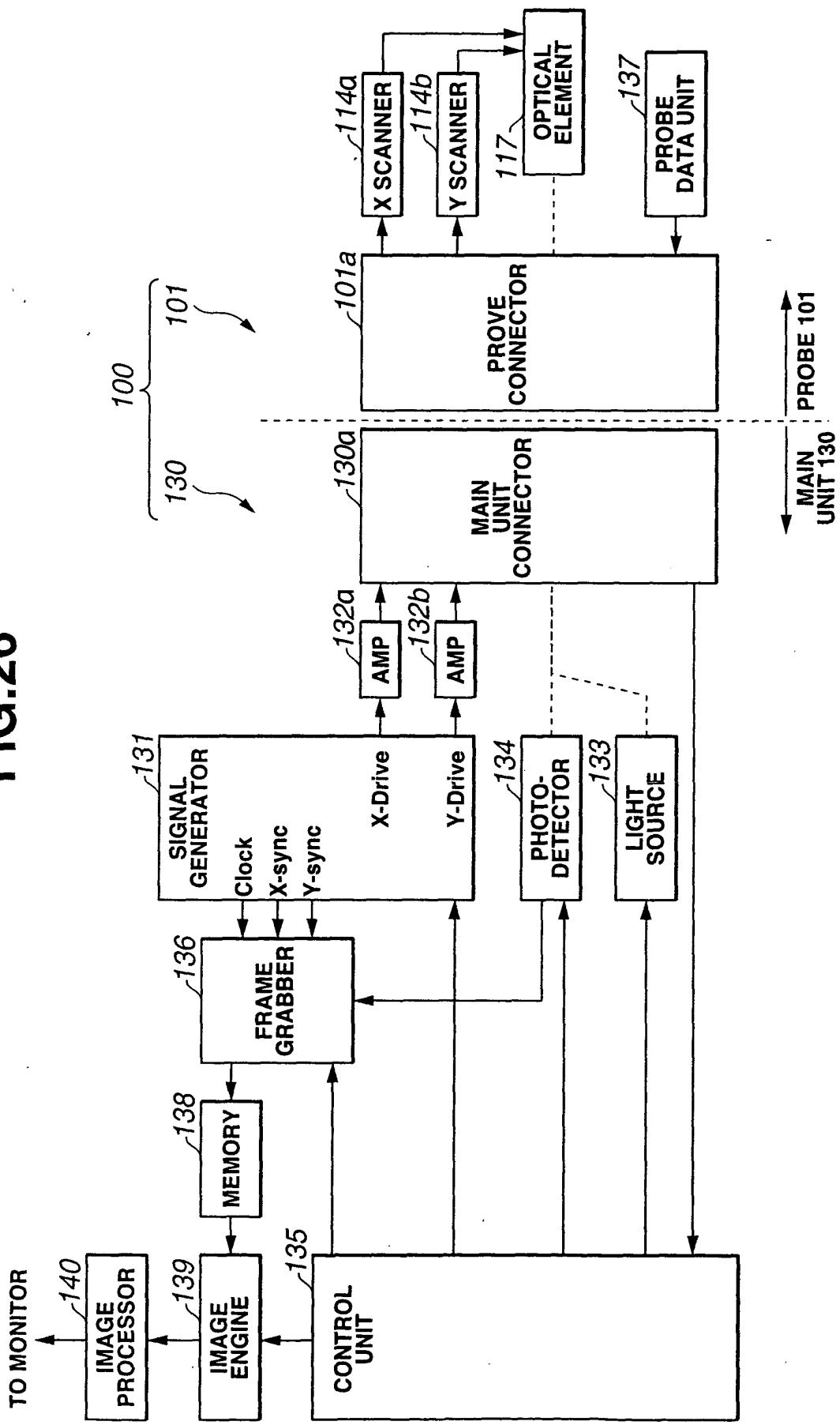


FIG.27

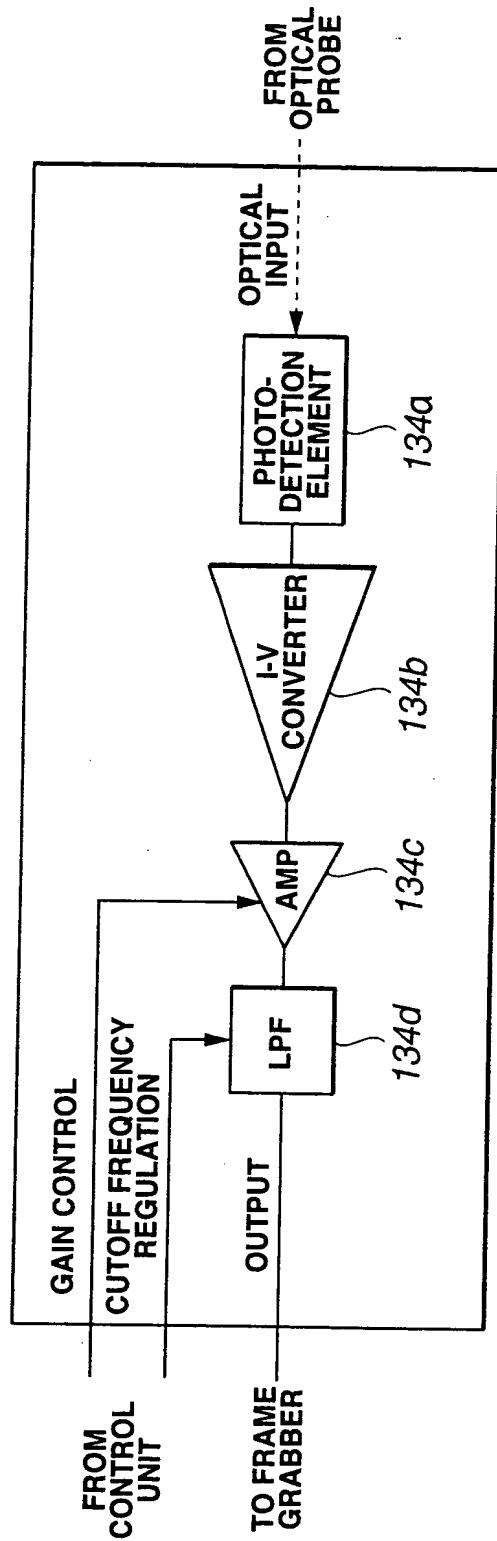


FIG.28B

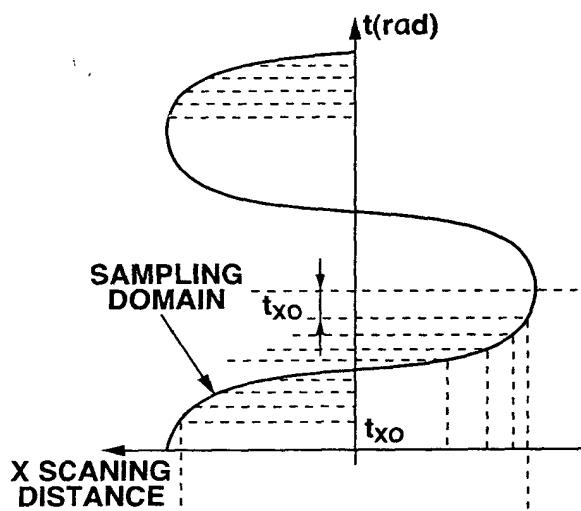


FIG.28A

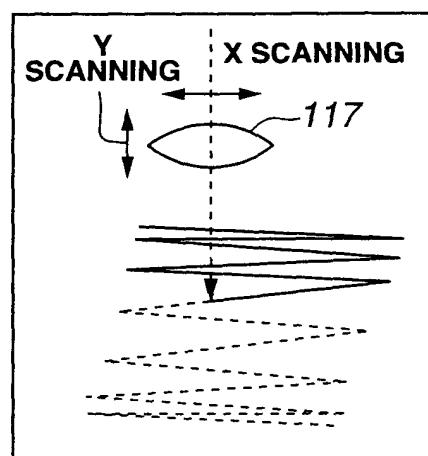


FIG.28D

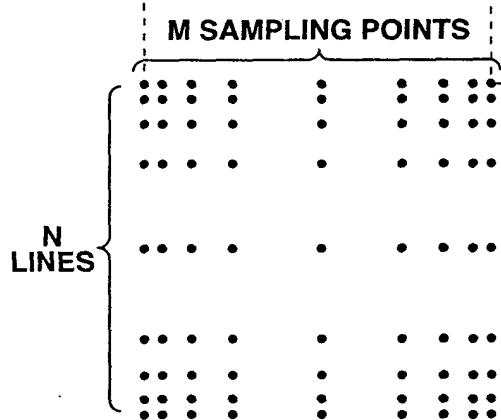


FIG.28C

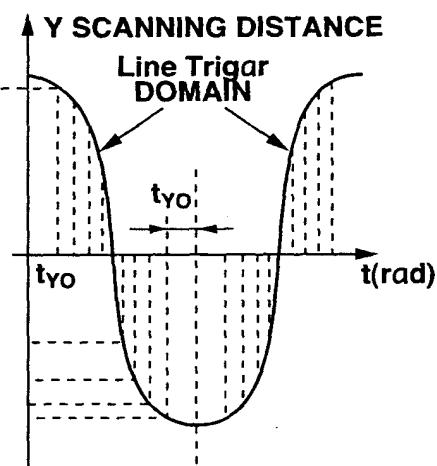


FIG.29

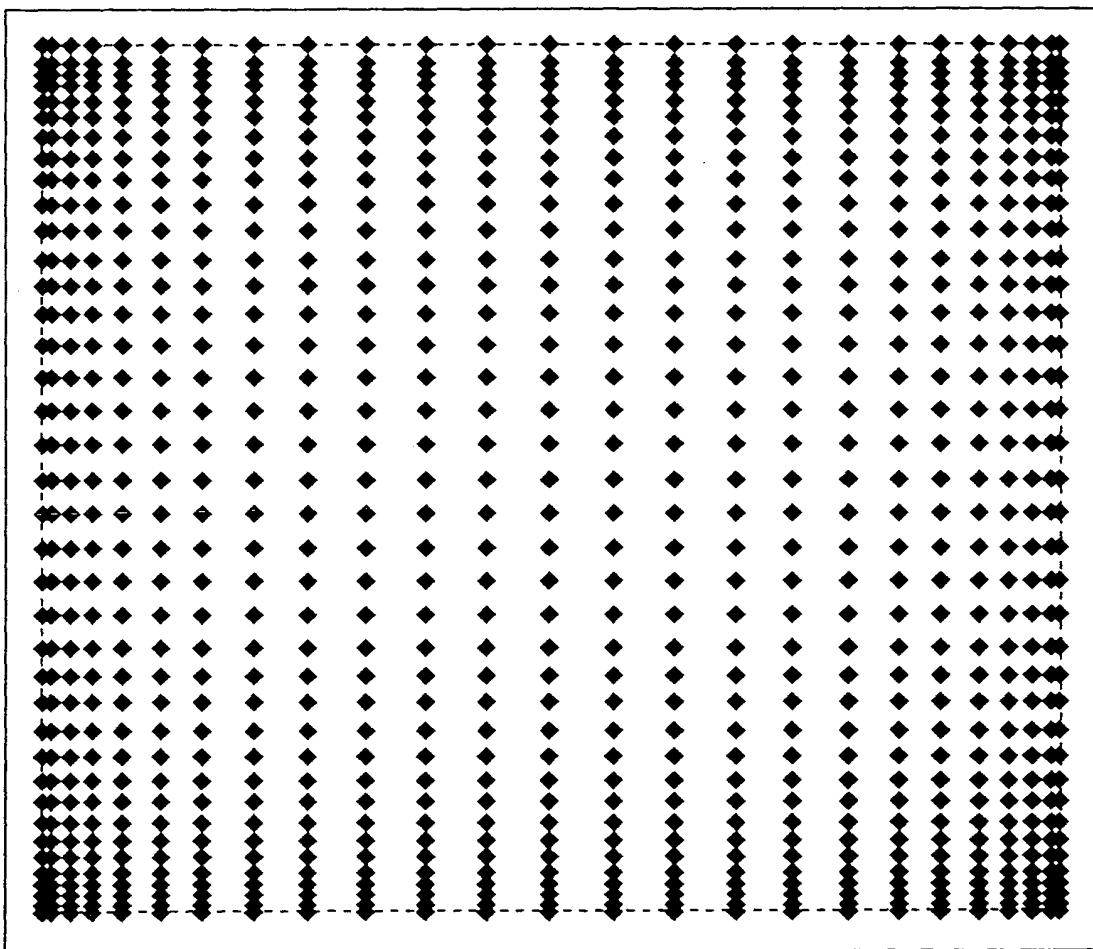


FIG. 30A

TYPE (S/N)	AMOUNT OF RETURN LIGHT	OPTICAL LENGTH	NUMERICAL APERTURE (NA)	FOCAL LENGTH	RESOLUTION	APPROPRIATE WAVELENGTH OF LIGHT EMANATING FROM LIGHT SOURCE	NOISE LEVEL	DIAMETER OF LIGHT SPOT
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FIG. 30B

X PHASE CORRECTION COEFFICIENT (θ_x)	X DRIVING VOLTAGE (V_x)	X DRIVING FREQUENCY (f_x)	X OFFSET VOLTAGE (V_{xo})	X FIELD OF VIEW (I_x)	KIND OF X DRIVING WAVE	X IMAGE RANGE (P_x)	X SCANNING TECHNIQUE ($X = \dots$)
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FIG. 30C

Y PHASE CORRECTION COEFFICIENT (θ_y)	Y DRIVING VOLTAGE (V_y)	Y DRIVING FREQUENCY (f_y)	Y OFFSET VOLTAGE (V_{yo})	Y FIELD OF VIEW (I_y)	KIND OF Y DRIVING WAVE	Y IMAGE RANGE (P_y)	Y SCANNING TECHNIQUE ($Y = \dots$)
---	-----------------------------	-------------------------------	-------------------------------	---------------------------	------------------------	-------------------------	--------------------------------------

FIG.31

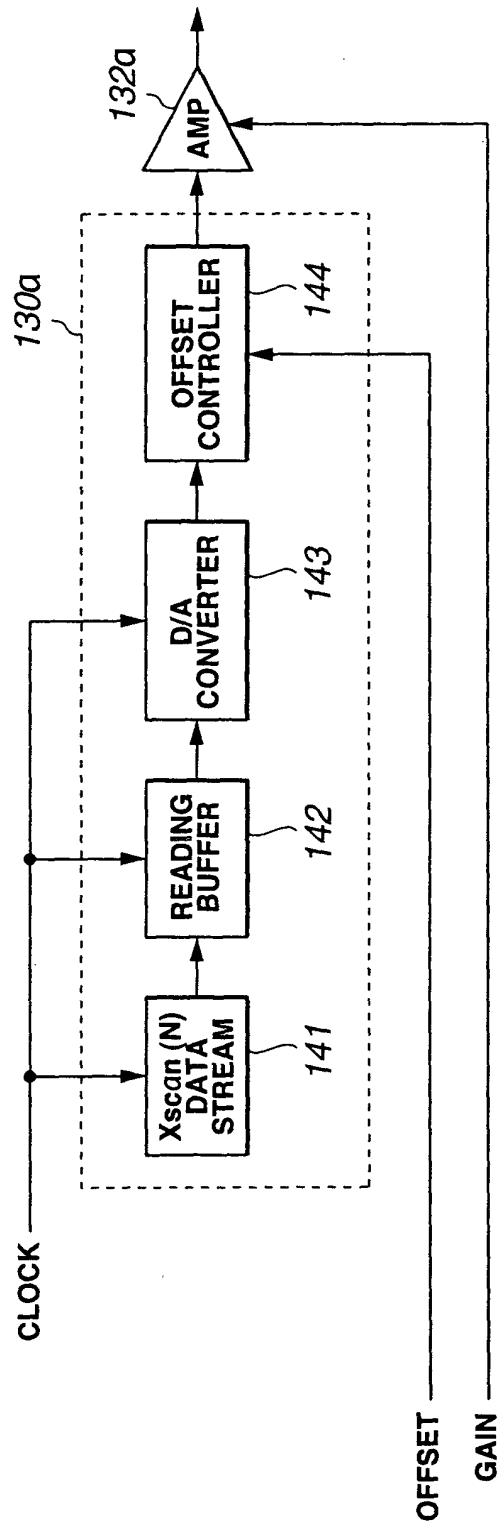


FIG.32

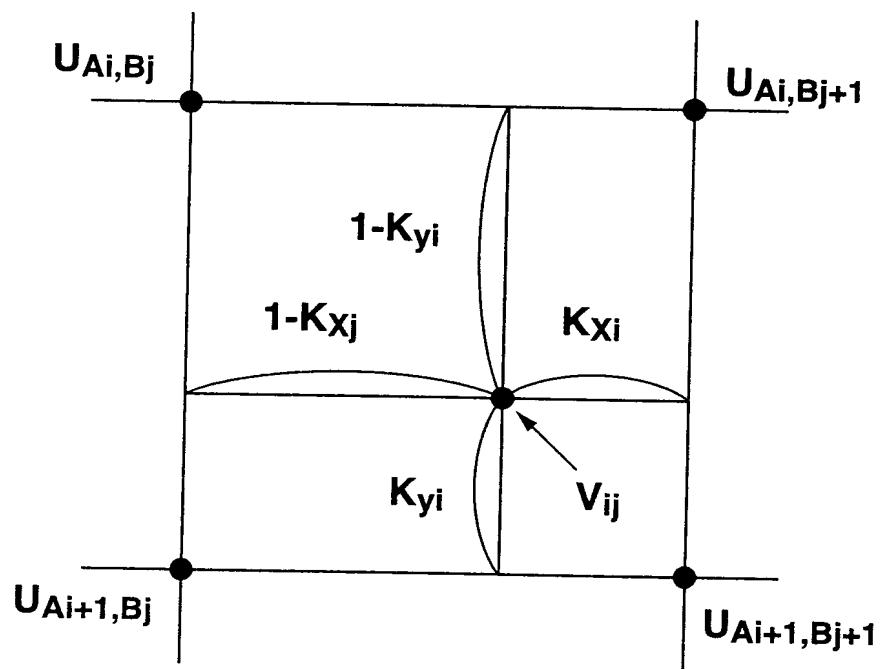


FIG.33

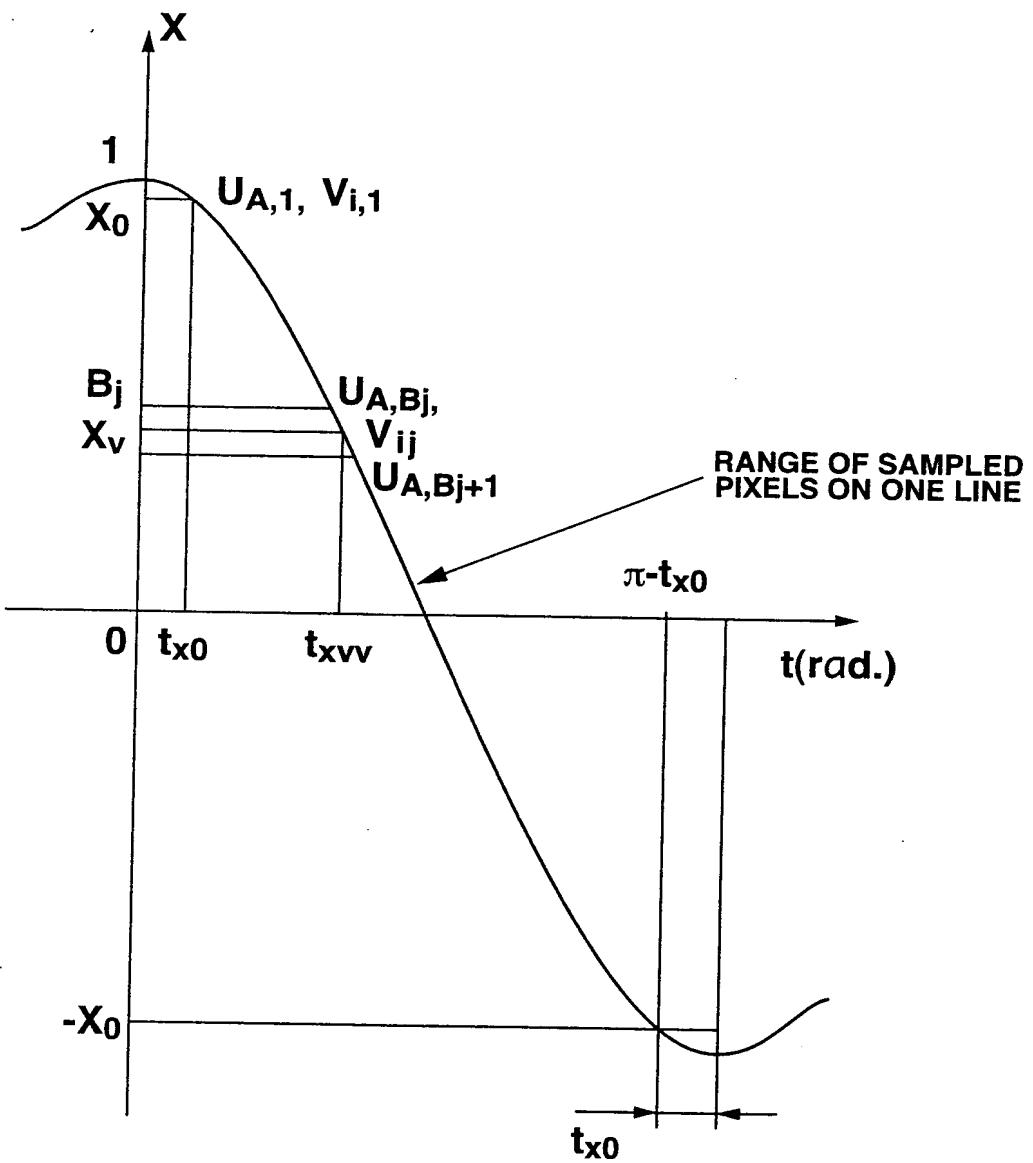


FIG.34

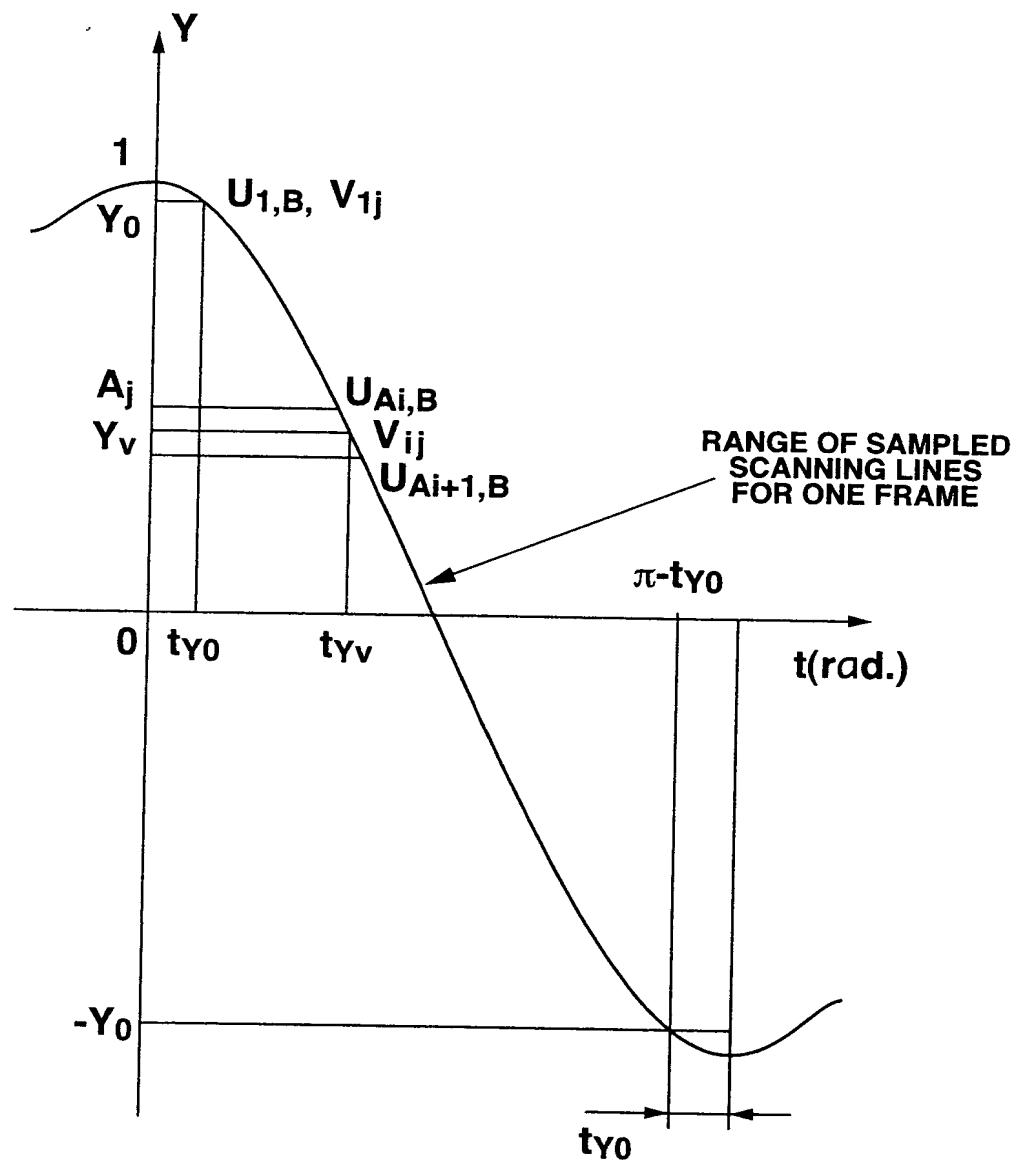
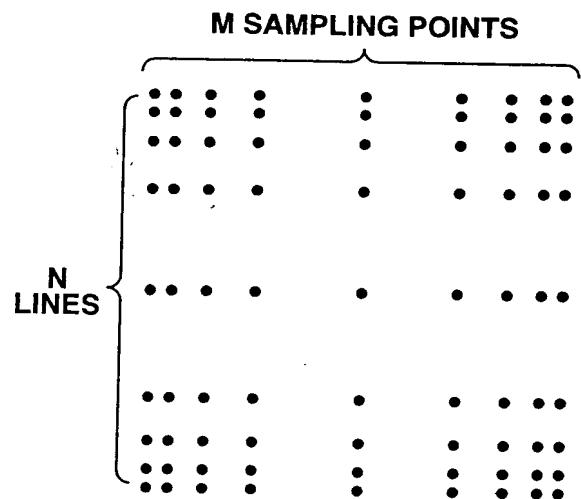
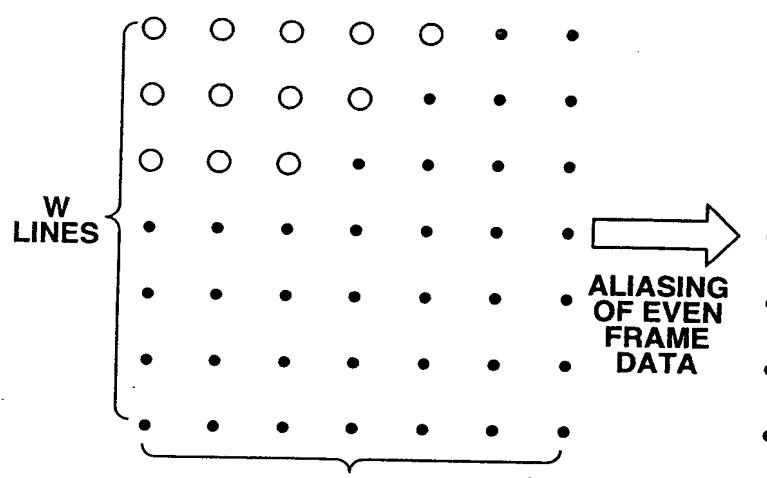


FIG.35A



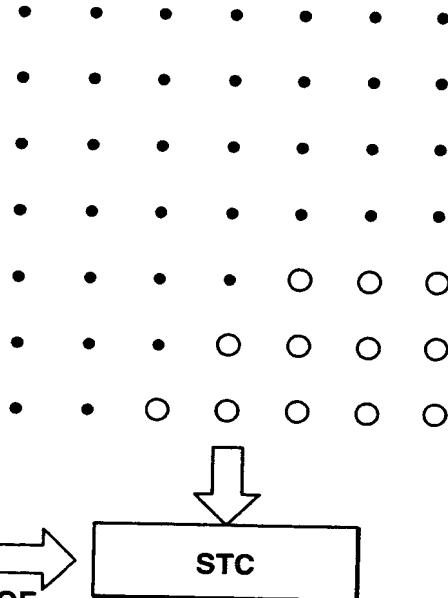
INTERPOLATION

FIG.35B



MAINPULATION OF ODD FRAME DATA

FIG.35C



TIMING CHART (STEADY STATE)

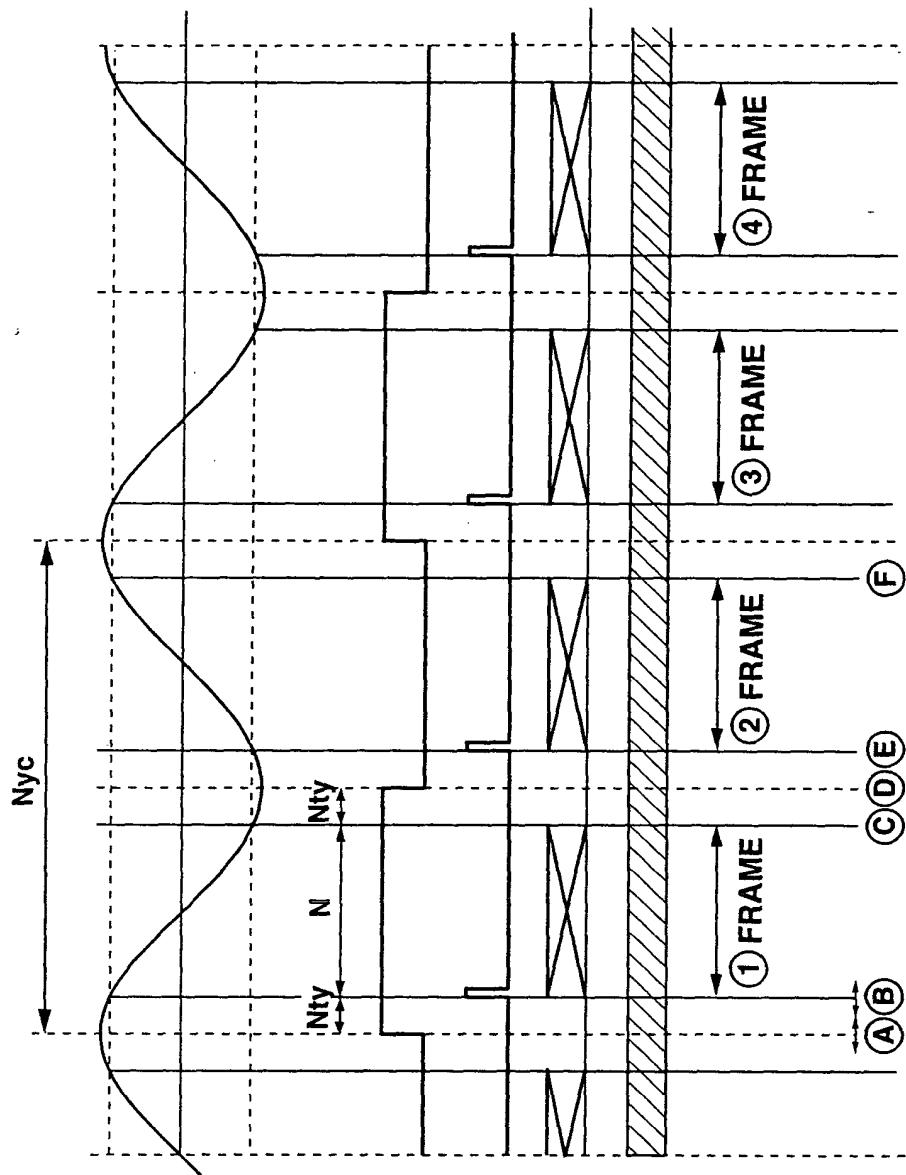


FIG.36A $y^{DRIVING}$

FIG.36B $y\text{-U/D}$

FIG.36C $y\text{-Sync}$

FIG.36D $x\text{-Sync}$

FIG.36E f_s

FIG.37A

Y DRIVING
SIGNAL

MAXIMUM LEVEL OF Y DRIVING SIGNAL
A

FIG.37G

ANGLE AT WHICH
SCANNER
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG.37F

X DRIVING
SIGNAL

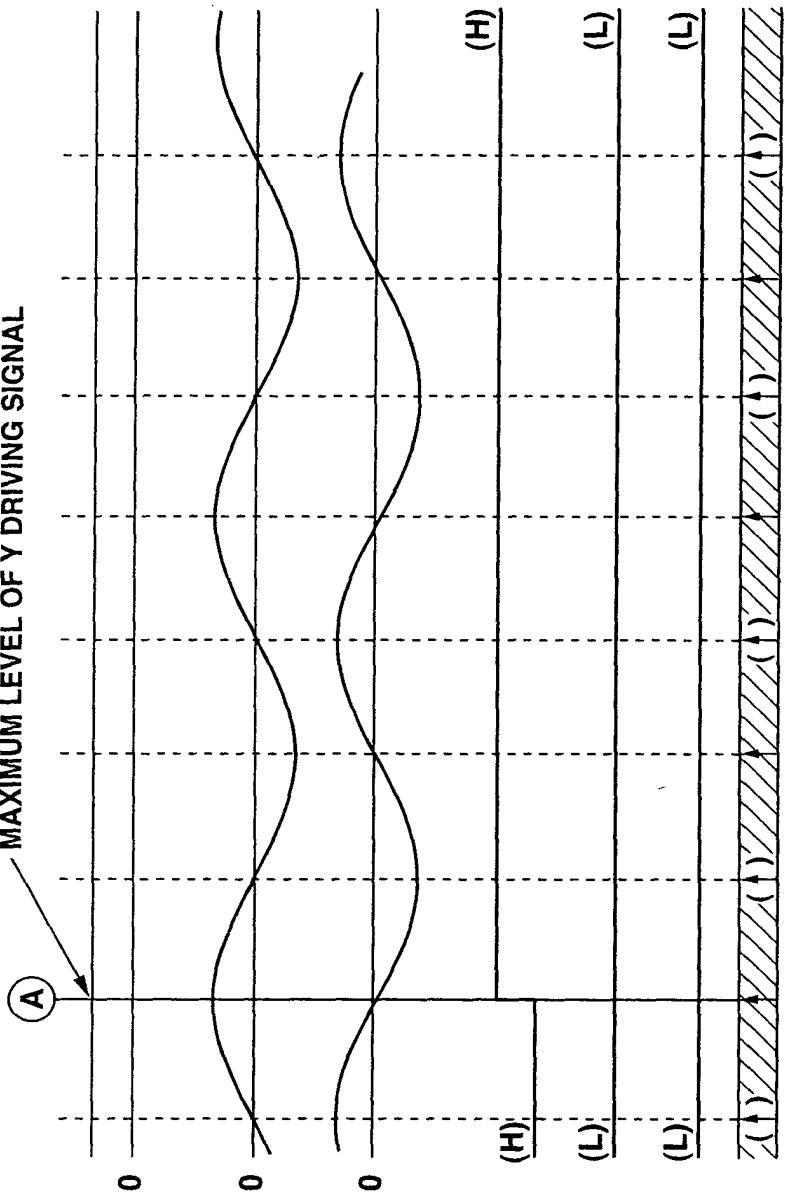


FIG.37B

Y-U/D

Y-Sync

X-Sync

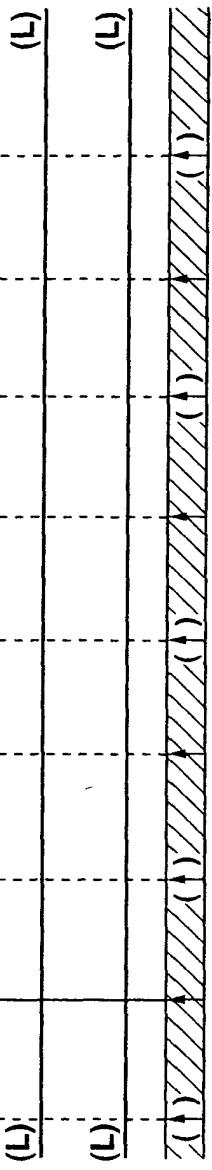


FIG.37E

FIG.38A

AMPLITUDE OF Y SCANNER FALLS
WITHIN OBSERVABLE RANGE

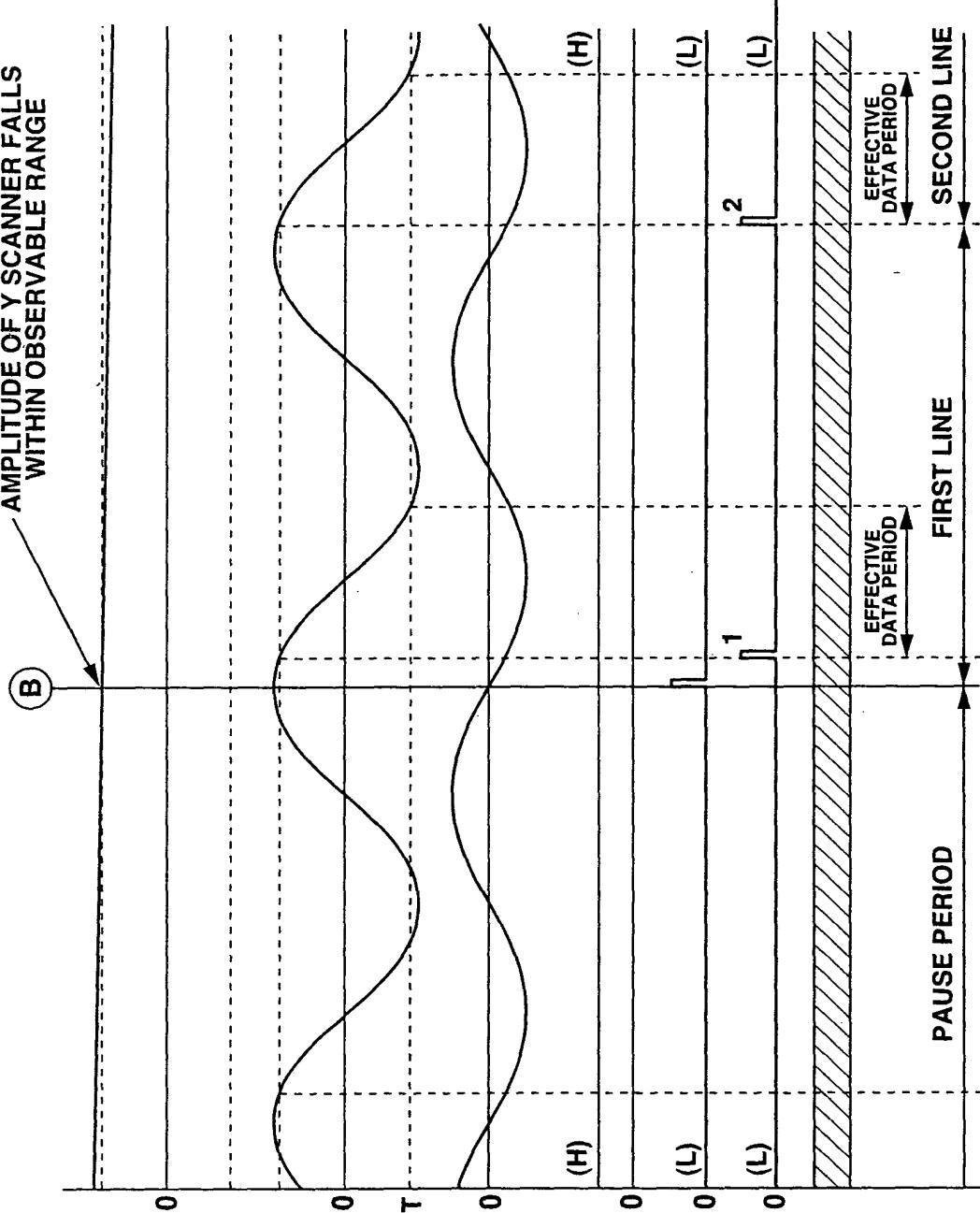


FIG.38G

IS DRIVEN IN X DIRECTION OF
OPTICAL ELEMENT

FIG.38F

Y-U/D
Y-Sync
X-Sync
 f_s

FIG.38B

Y-Sync

X-Sync

f_s

FIG.38C

FIG.38D

FIG.38E

FIG.39A
Y DRIVING
SIGNAL

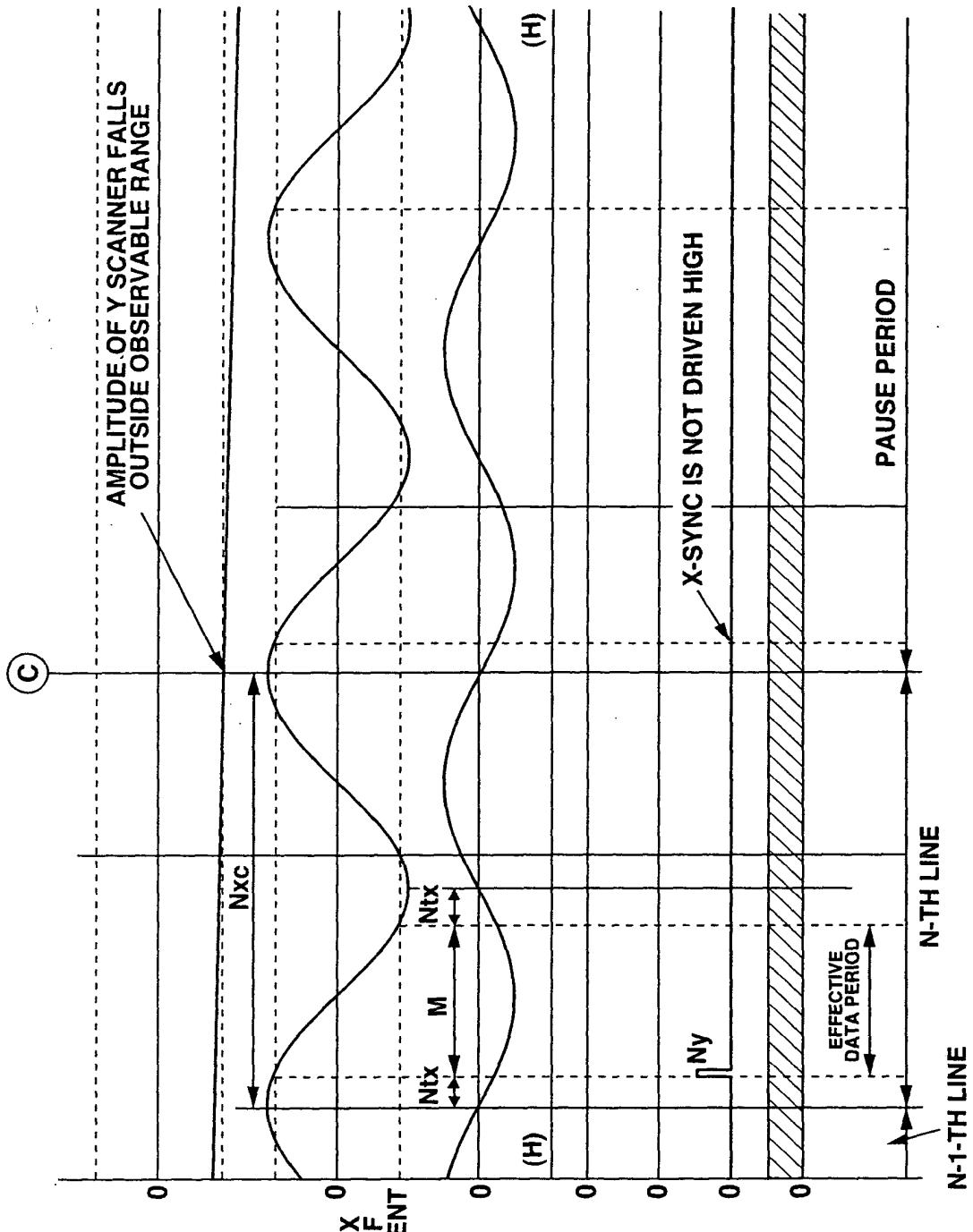
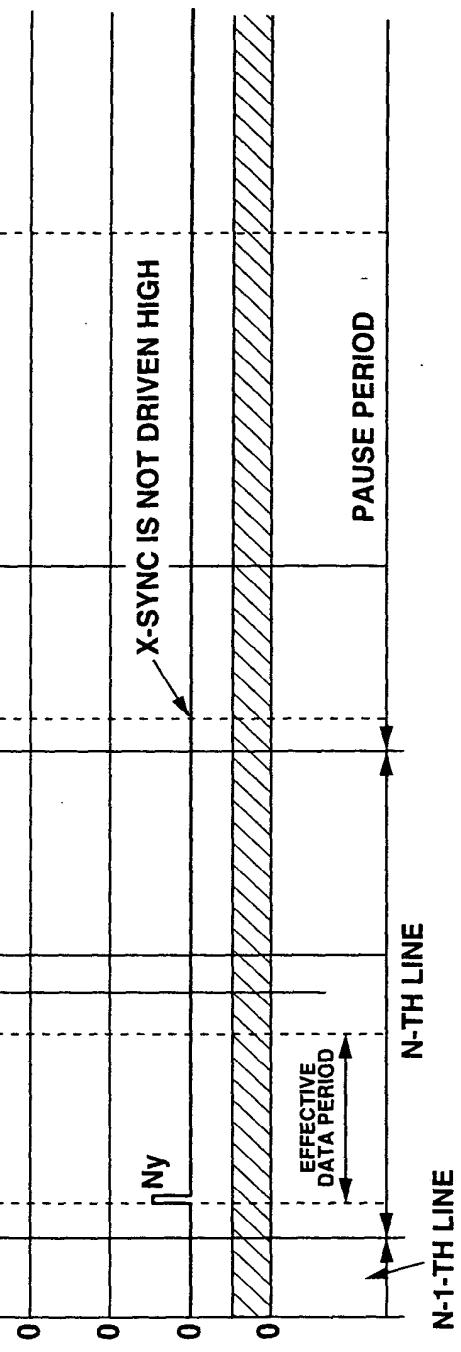


FIG.39G
ANGLE
AT WHICH
SCANNER
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG.39F
X DRIVING
SIGNAL

FIG.39B Y-U/D
FIG.39C Y-Sync
FIG.39D X-Sync
FIG.39E f_s



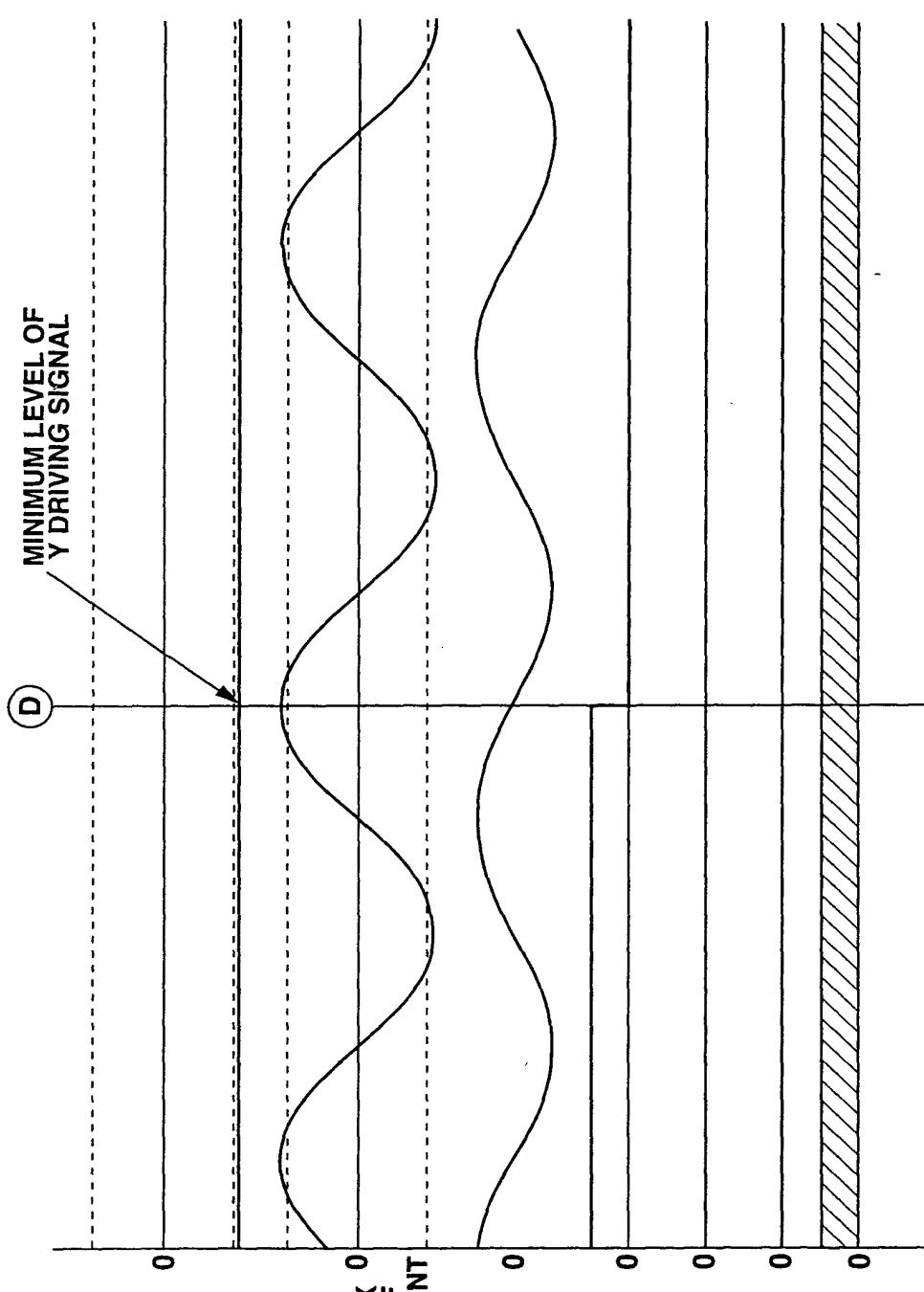


FIG.40A

FIG.40G

FIG.40F

FIG.40B

FIG.40C

FIG.40D

FIG.40E

FIG.41A

Y DRIVING
SIGNAL

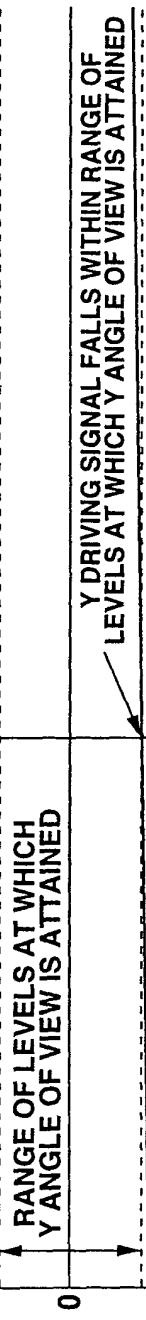


FIG.41G

ANGLE
AT WHICH
SCANNER IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

0
RANGE
OF LEVELS
AT WHICH
X ANGLE
OF VIEW IS
ATTAINED

FIG.41F

X DRIVING
SIGNAL

FIG.41B

Y-U/D

FIG.41C

Y-Sync

FIG.41D

X-Sync

FIG.41E

f_s



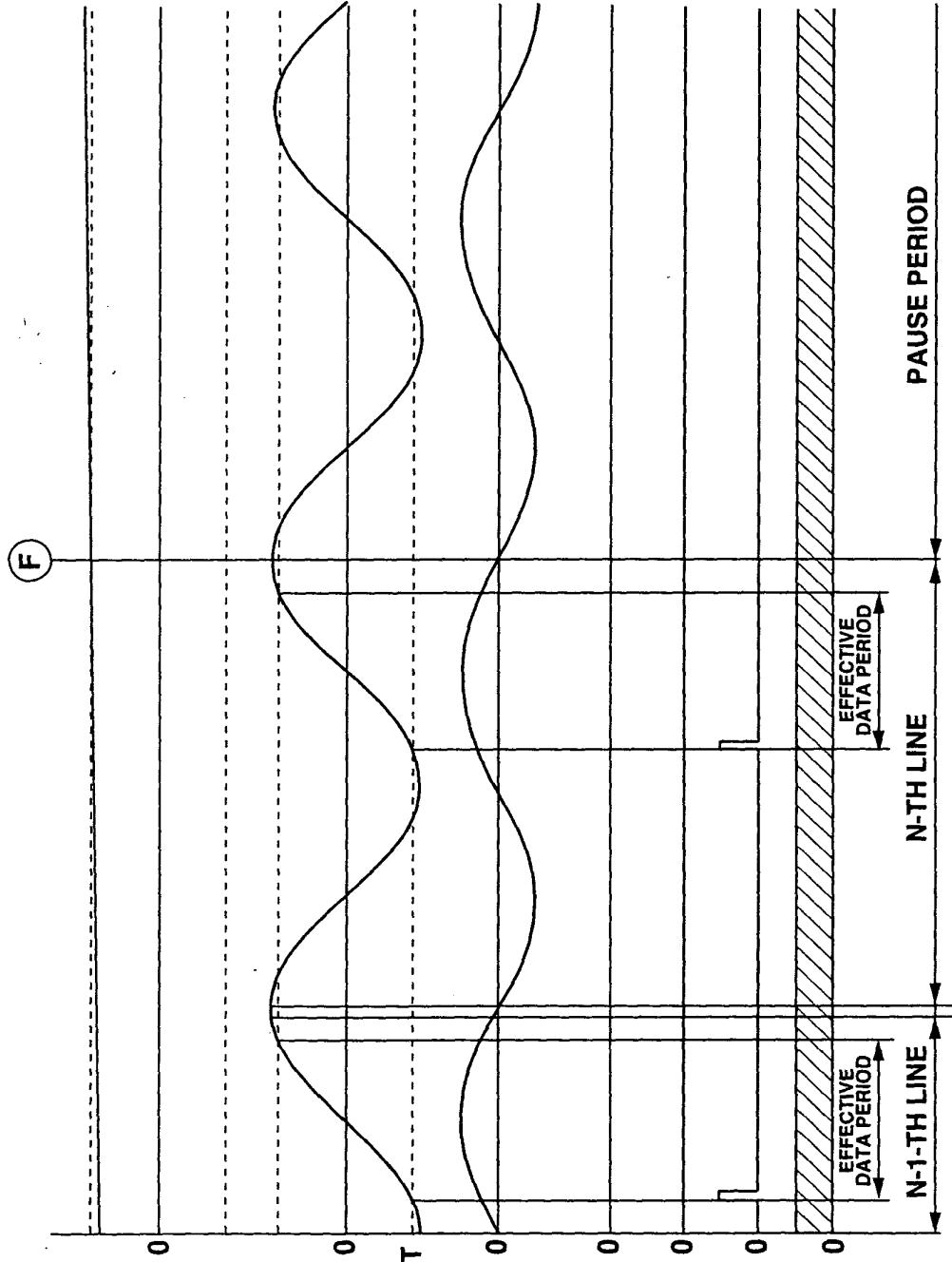


FIG.43

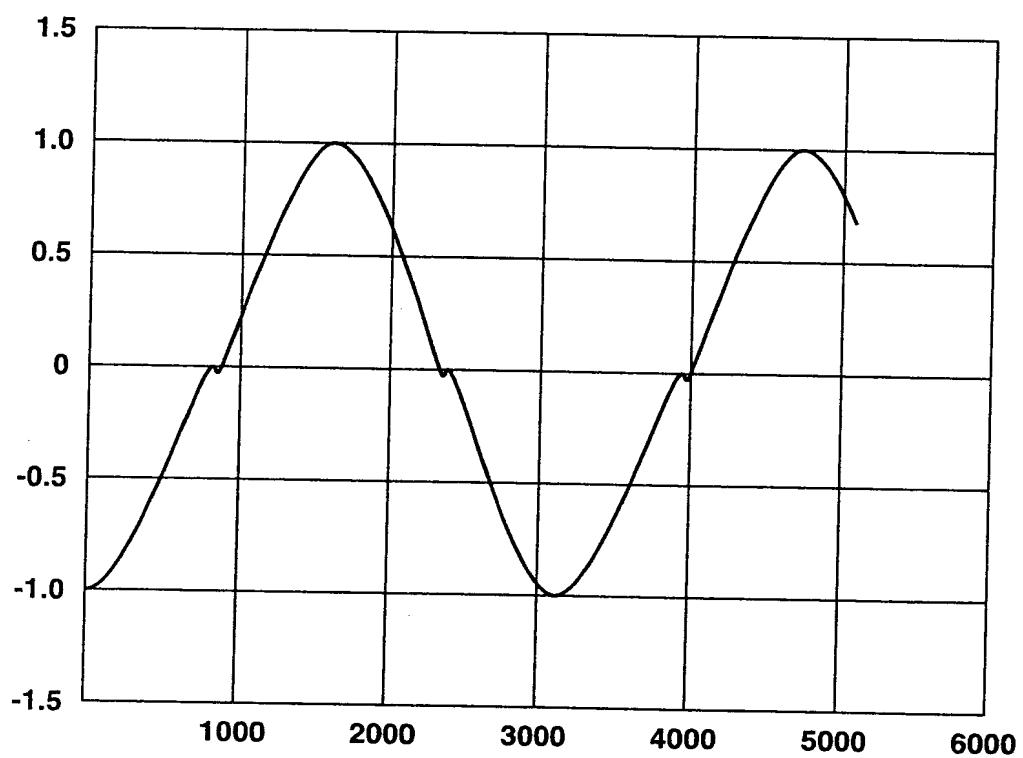


FIG.44

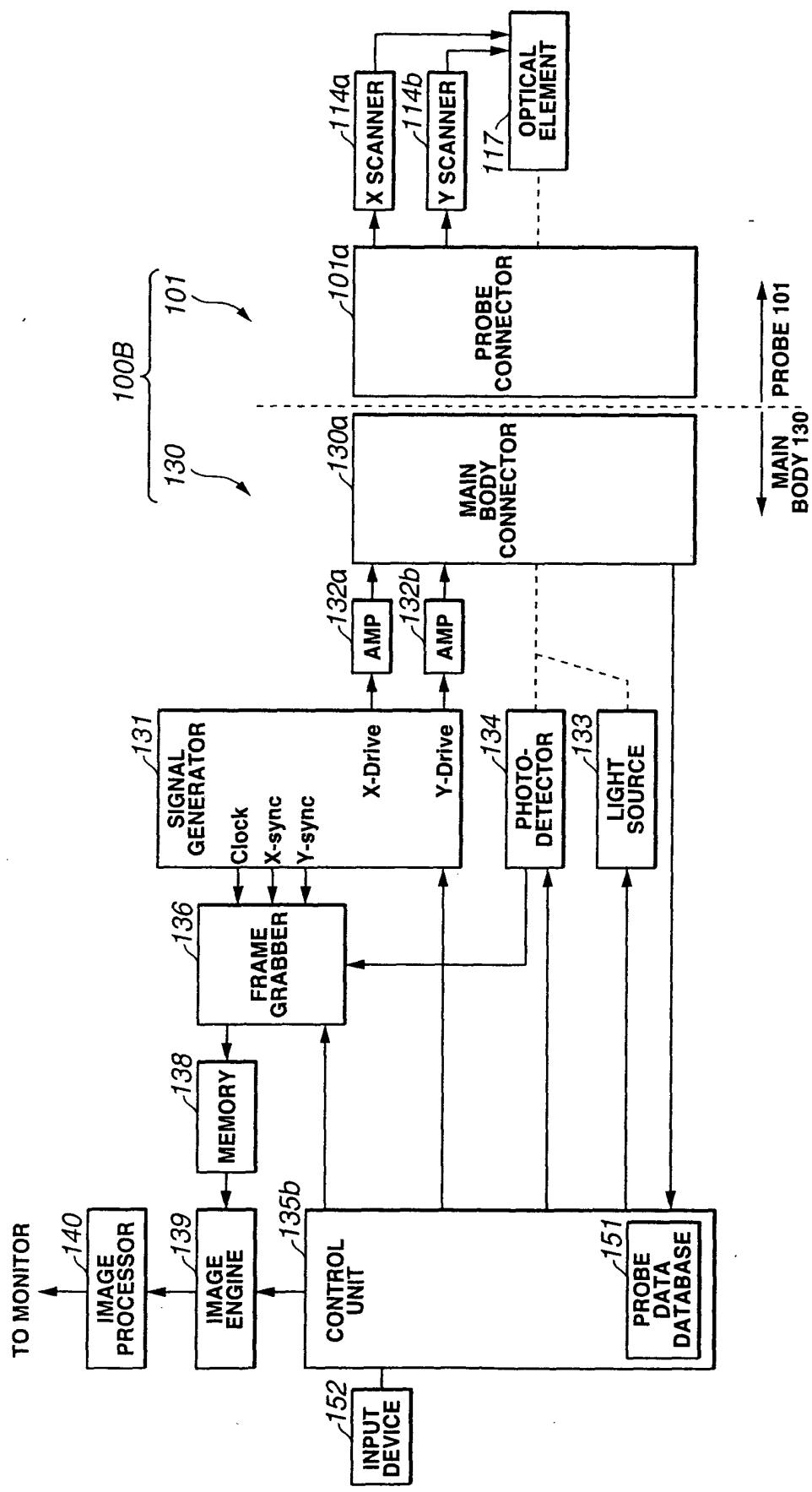


FIG.45

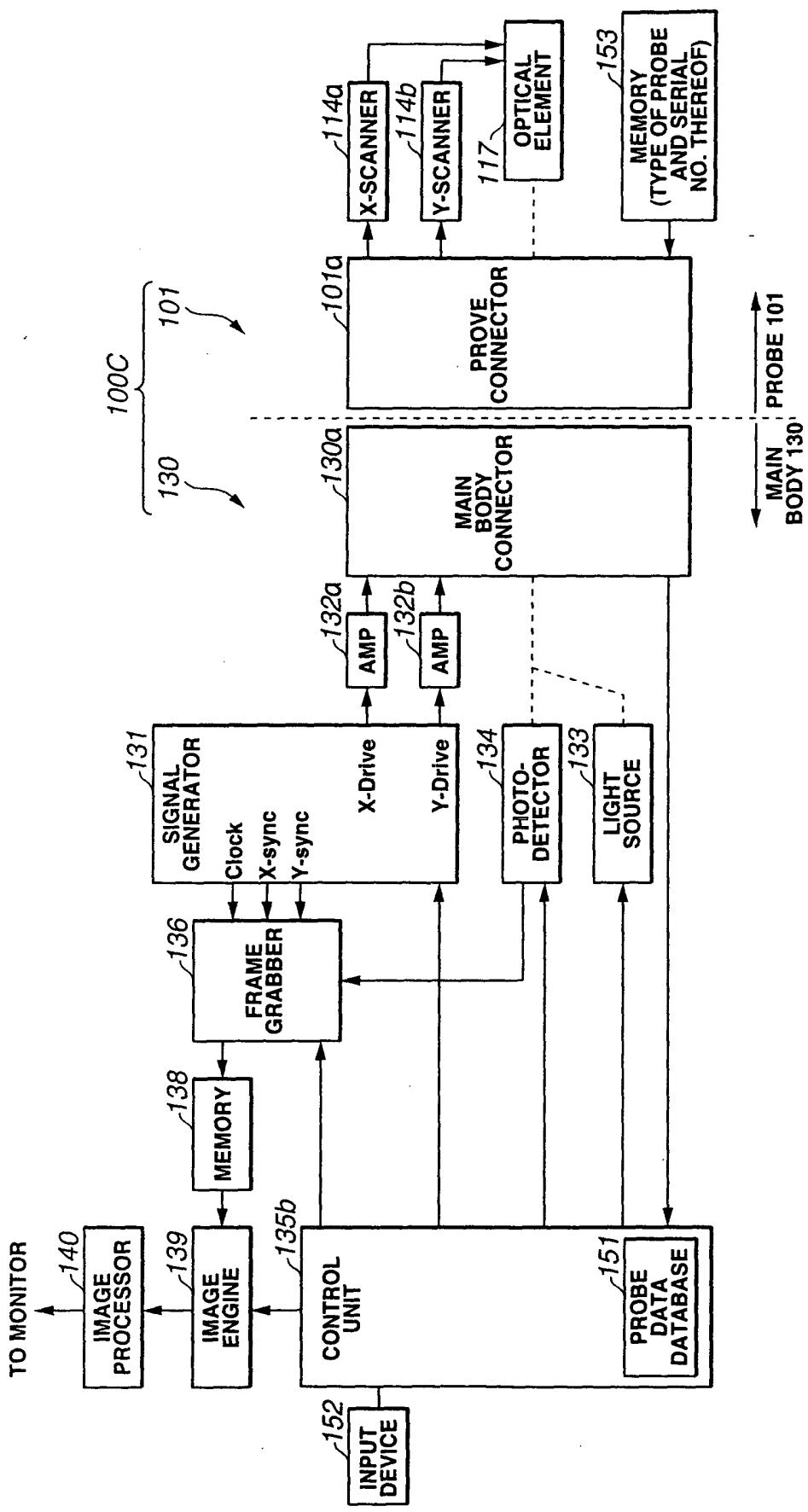


FIG.46

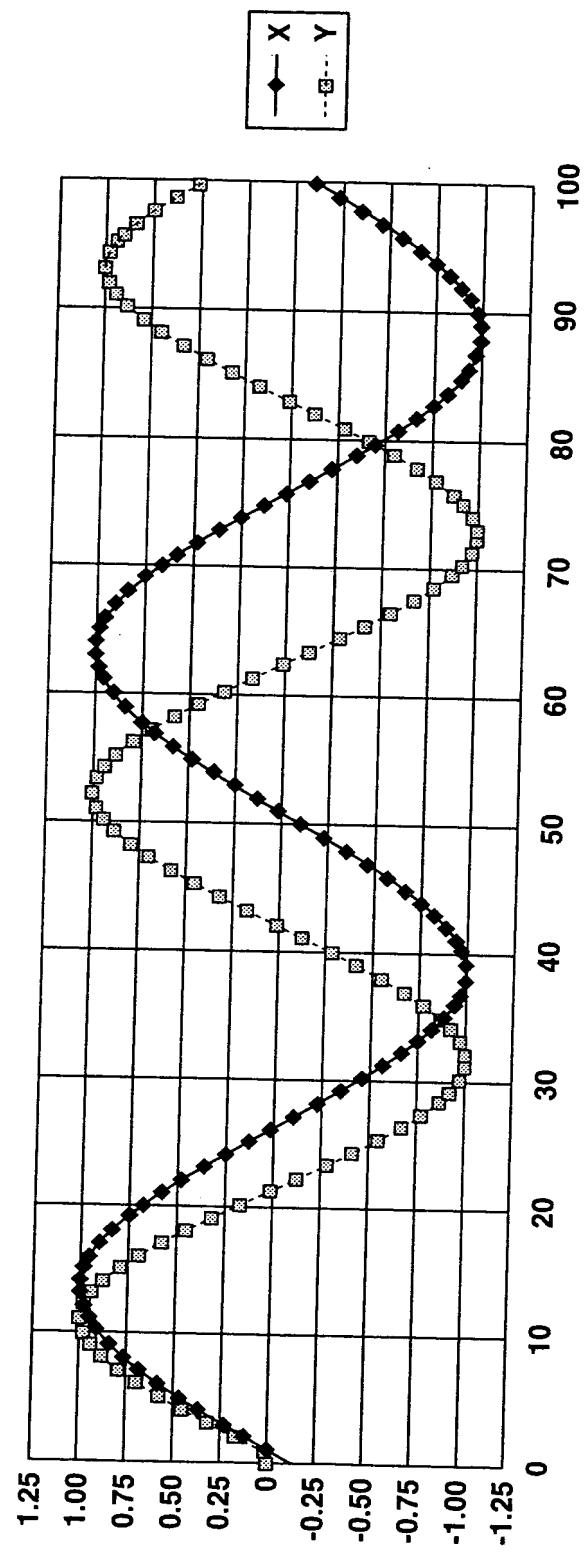


FIG.47

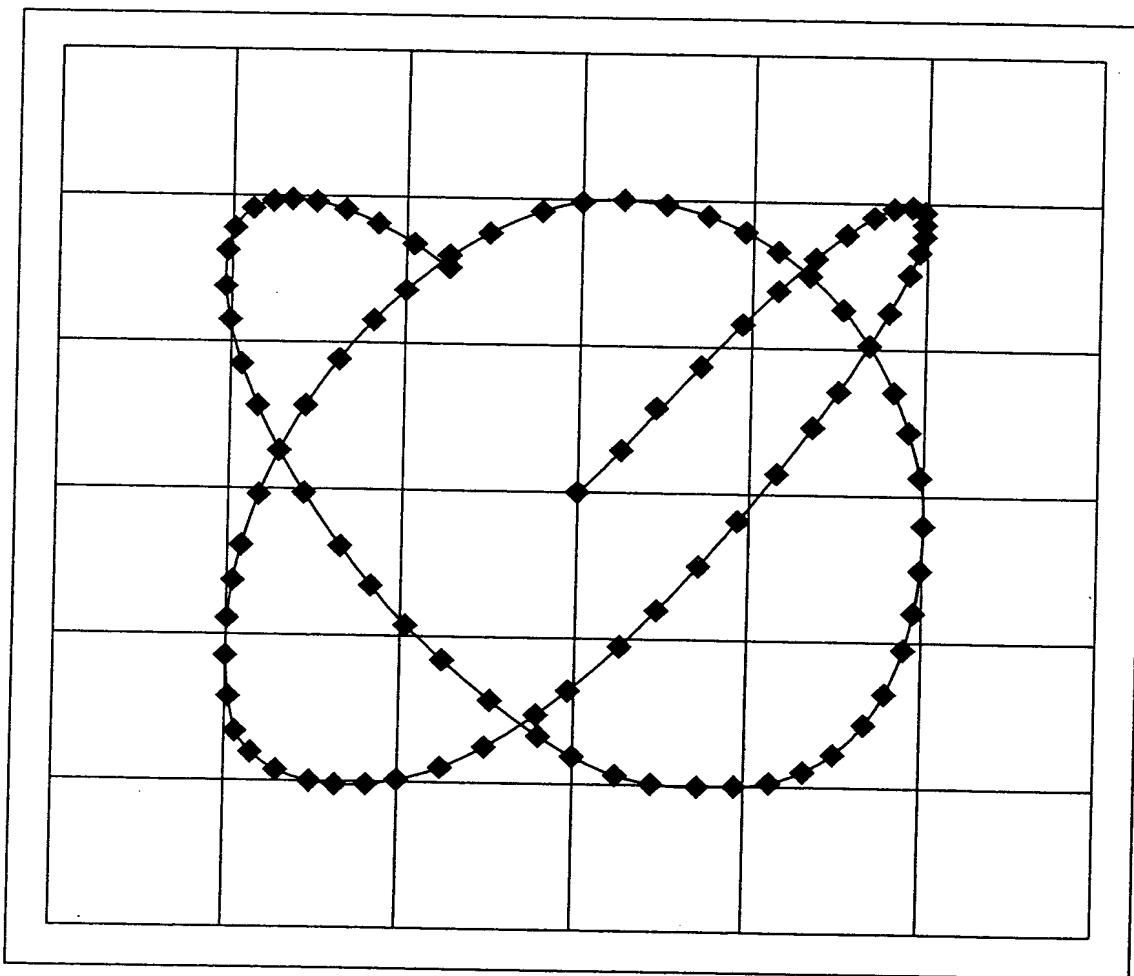


FIG.48

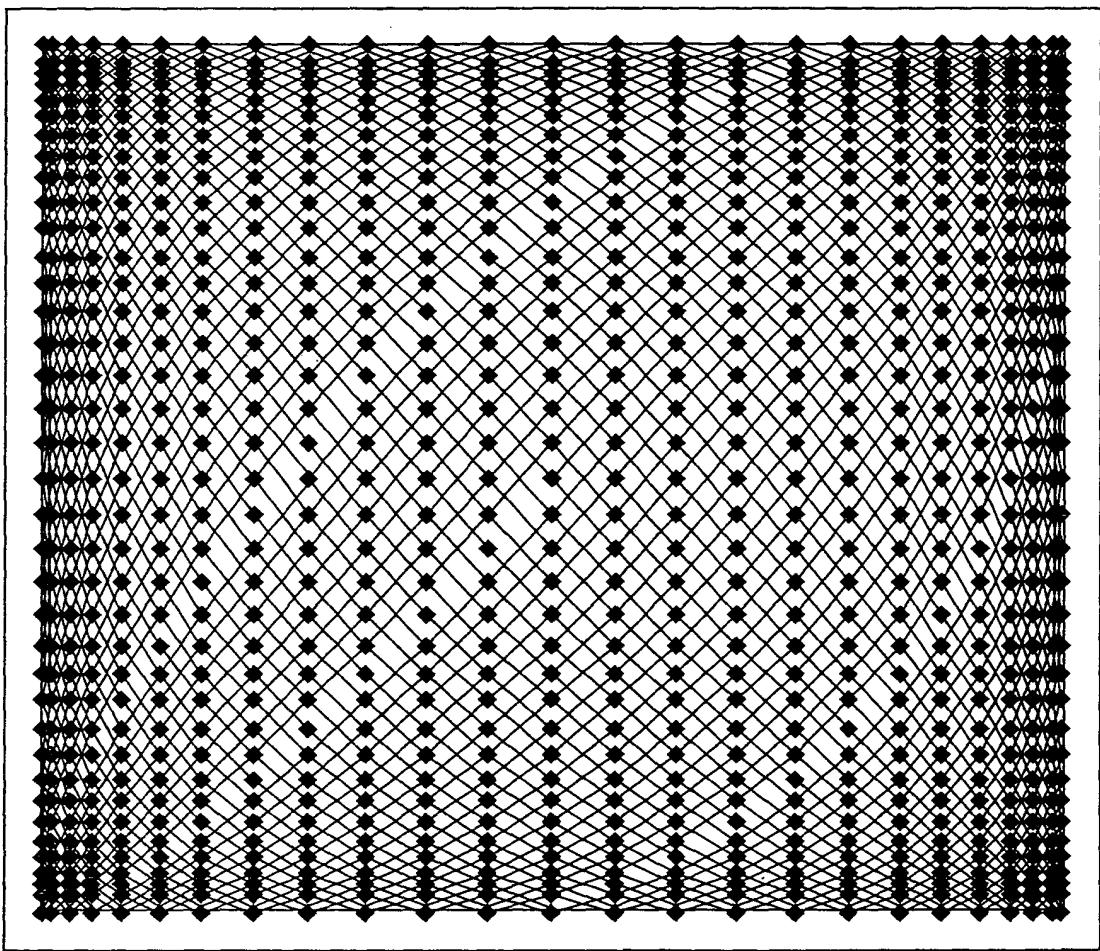


FIG. 49

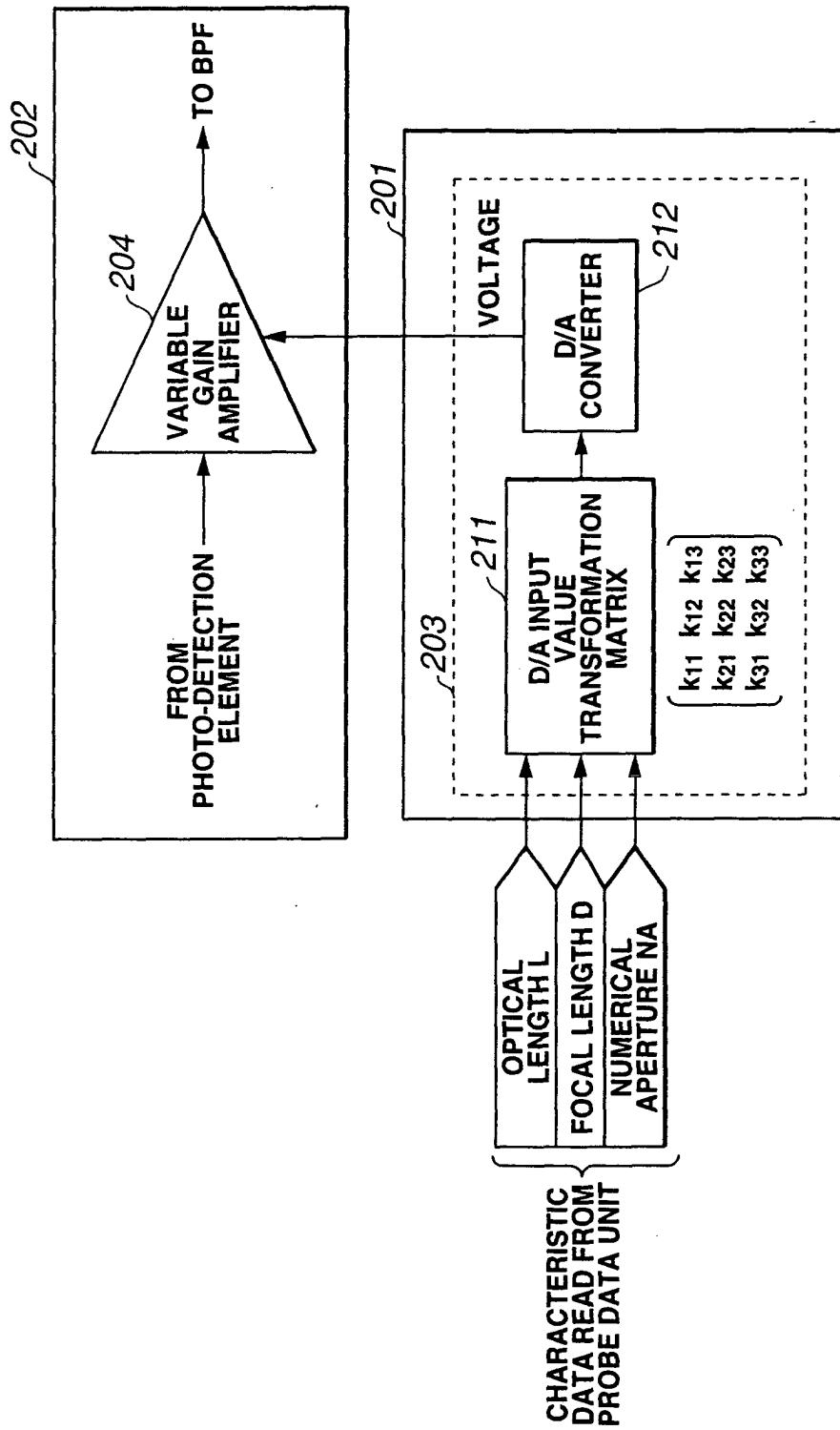


FIG.50A

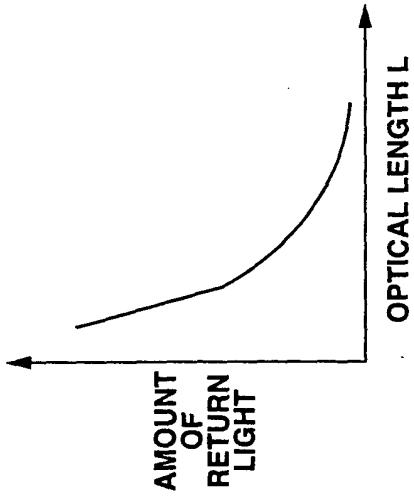


FIG.50B

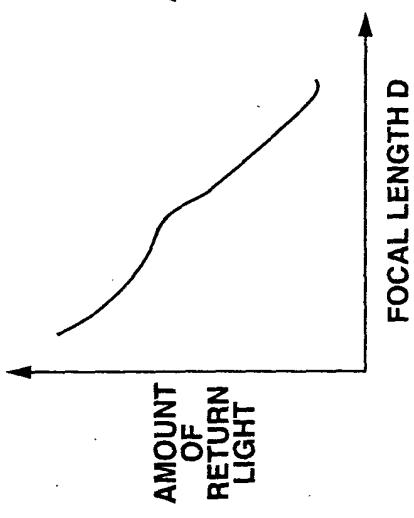


FIG.50C

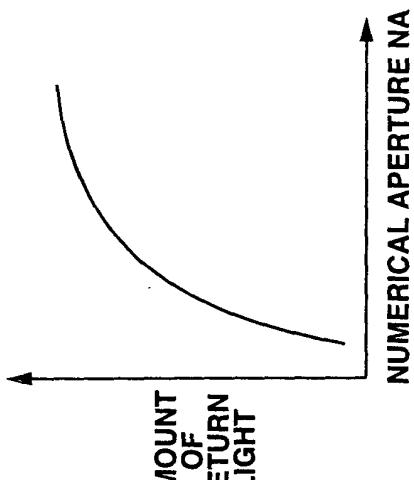


FIG.51

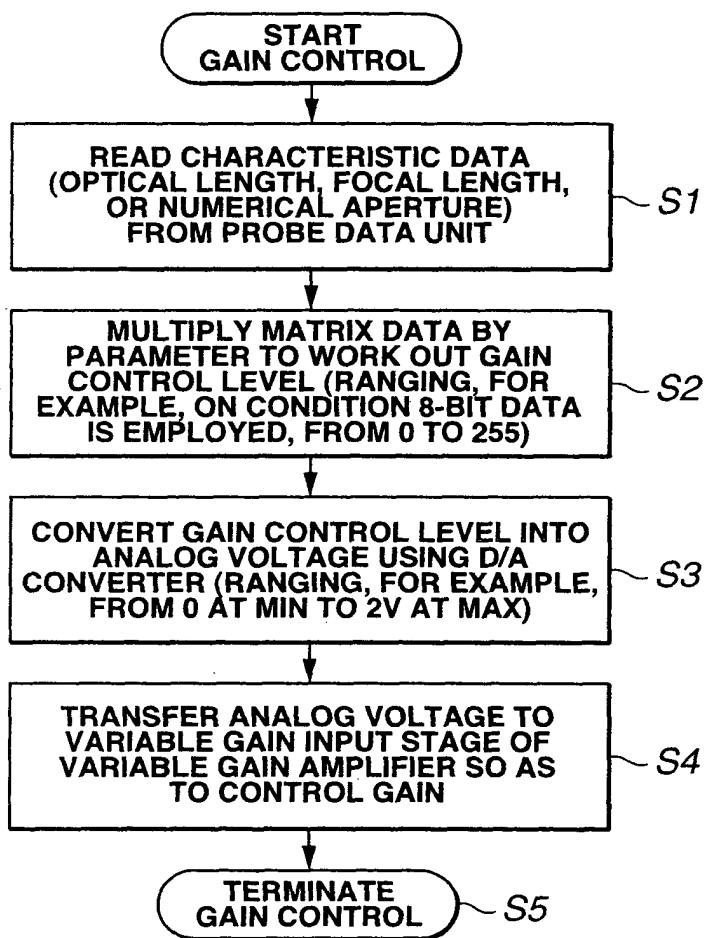


FIG.52

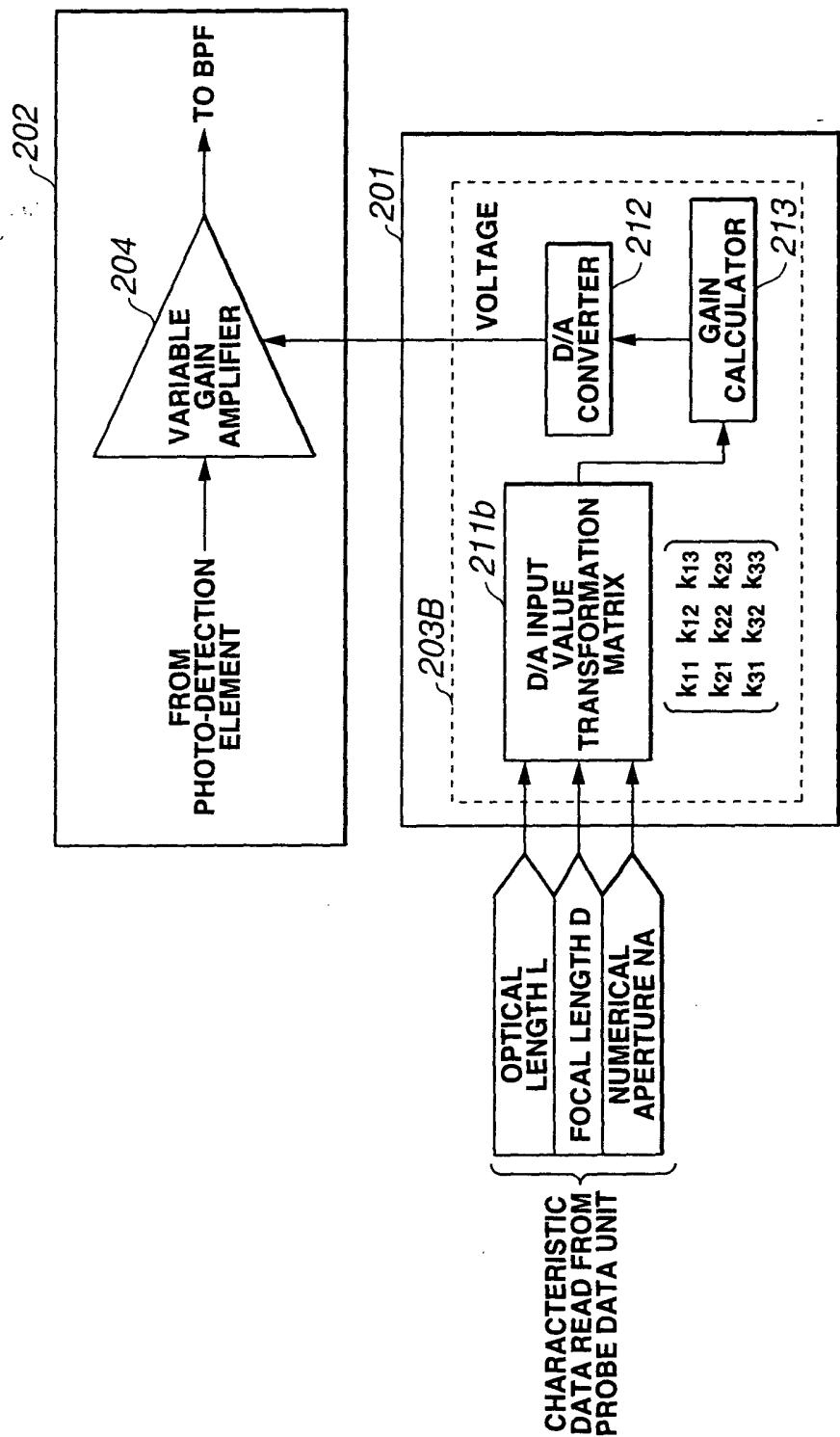


FIG.53A

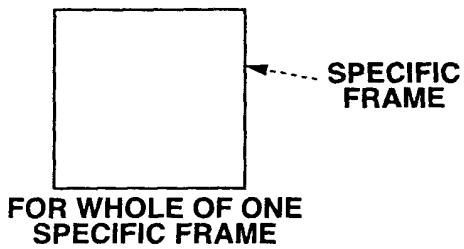


FIG.53B

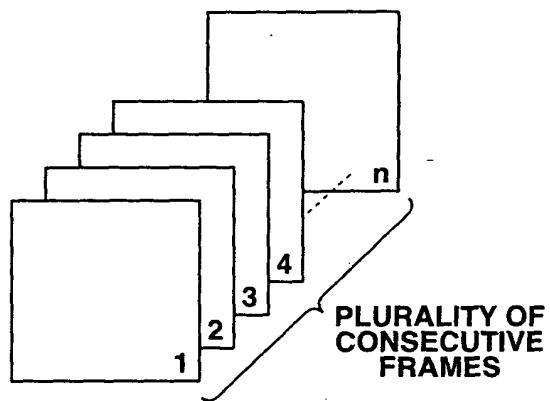
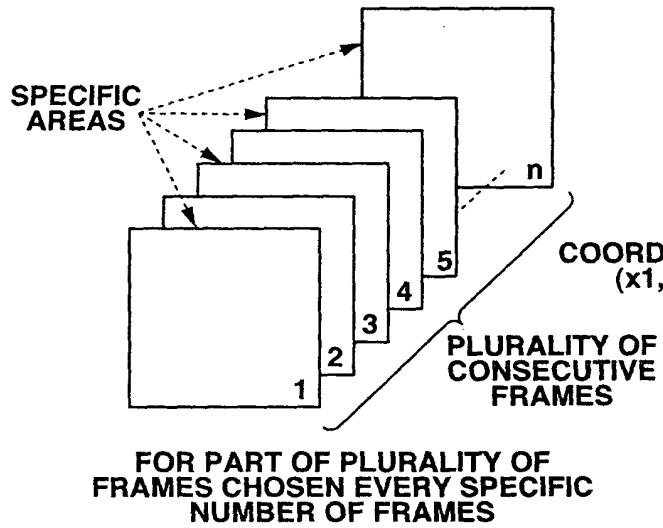
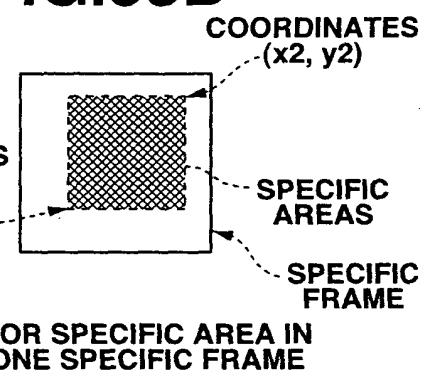


FIG.53C



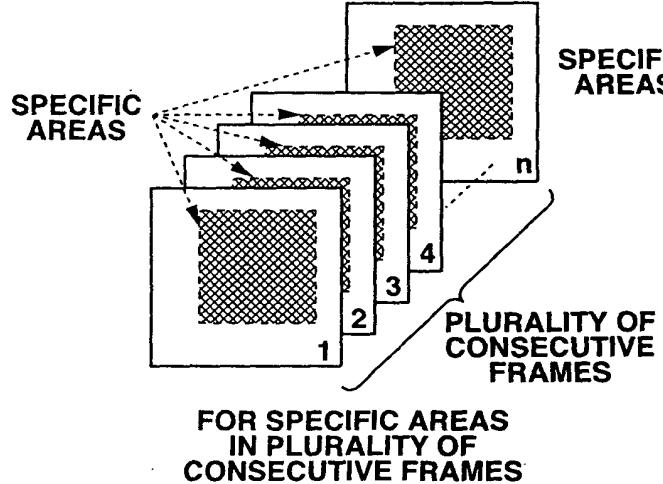
FOR ALL OF PLURALITY OF CONSECUTIVE FRAMES

FIG.53D



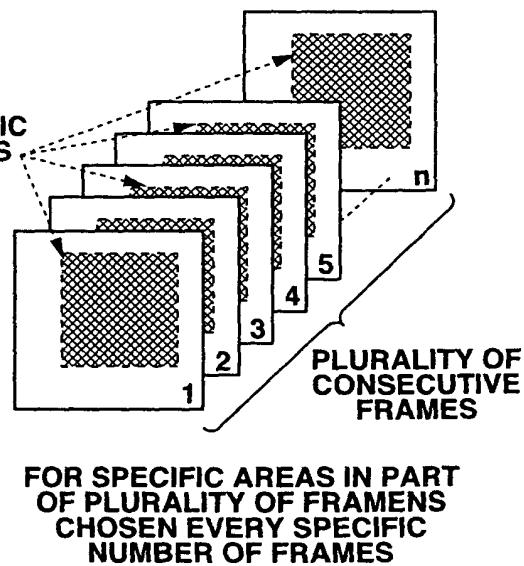
FOR SPECIFIC AREA IN ONE SPECIFIC FRAME

FIG.53E



FOR SPECIFIC AREAS IN PLURALITY OF CONSECUTIVE FRAMES

FIG.53F



FOR SPECIFIC AREAS IN PART OF PLURALITY OF FRAMES CHOSEN EVERY SPECIFIC NUMBER OF FRAMES

FIG.54

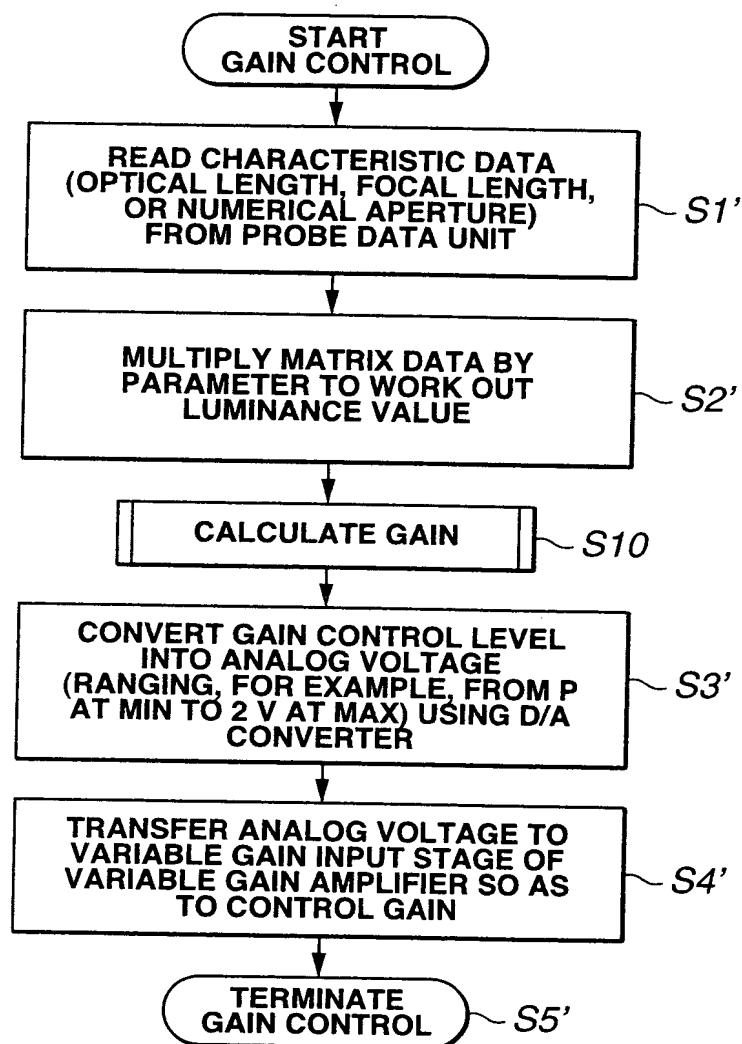


FIG.55

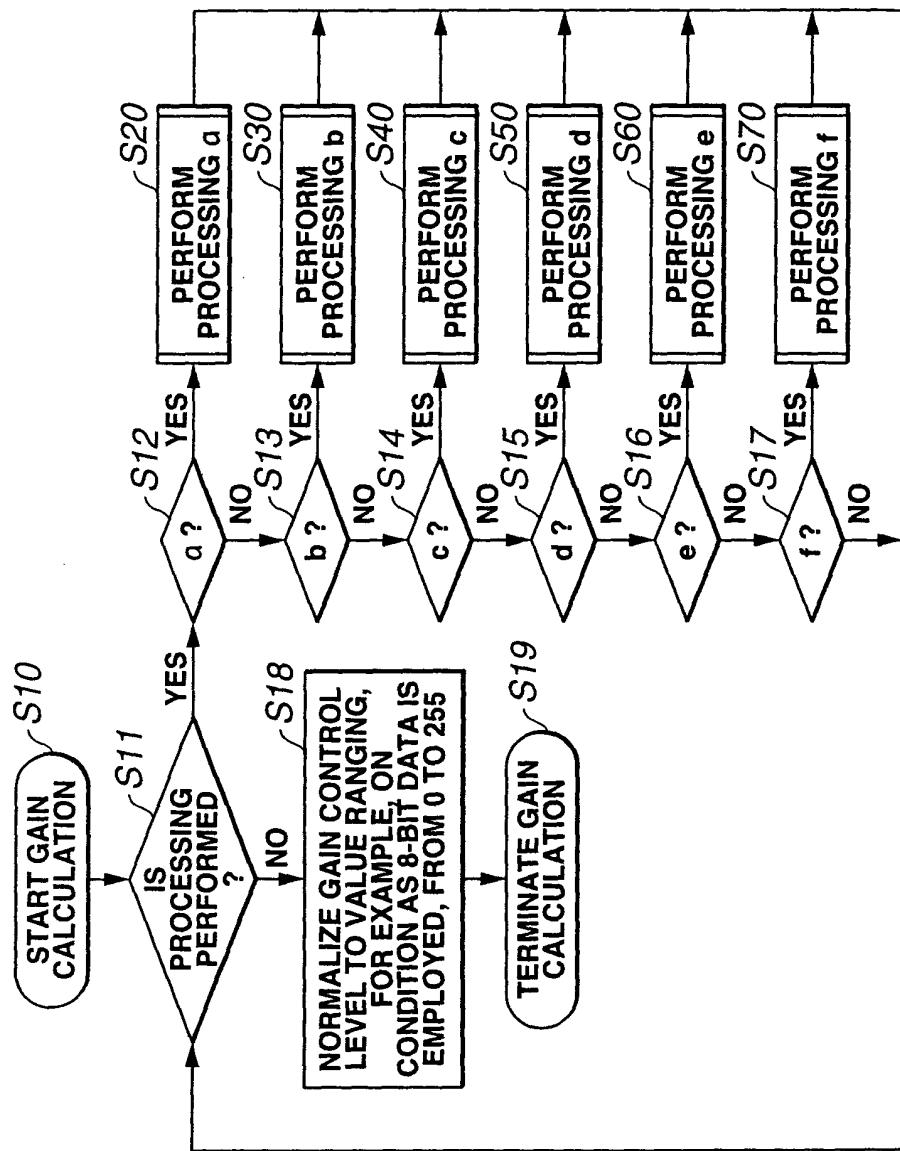


FIG.56

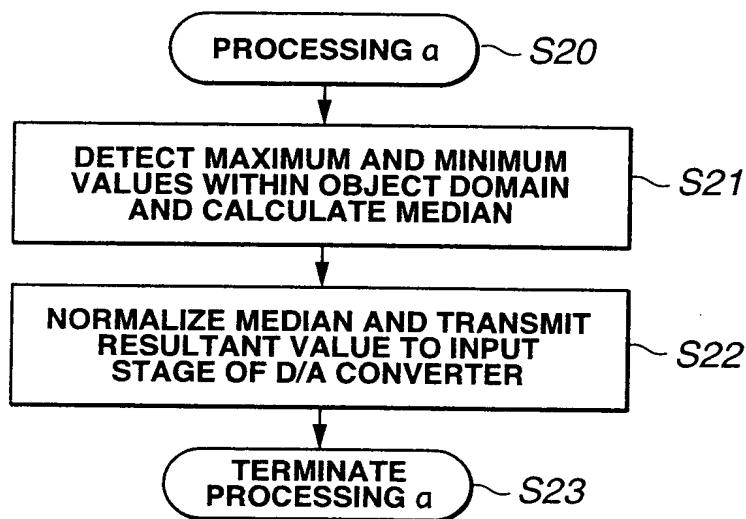


FIG.57

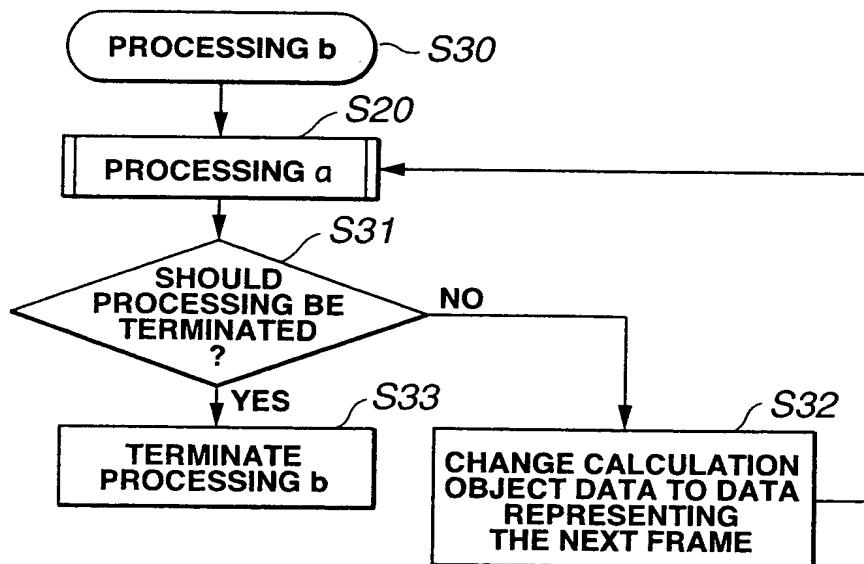


FIG.58

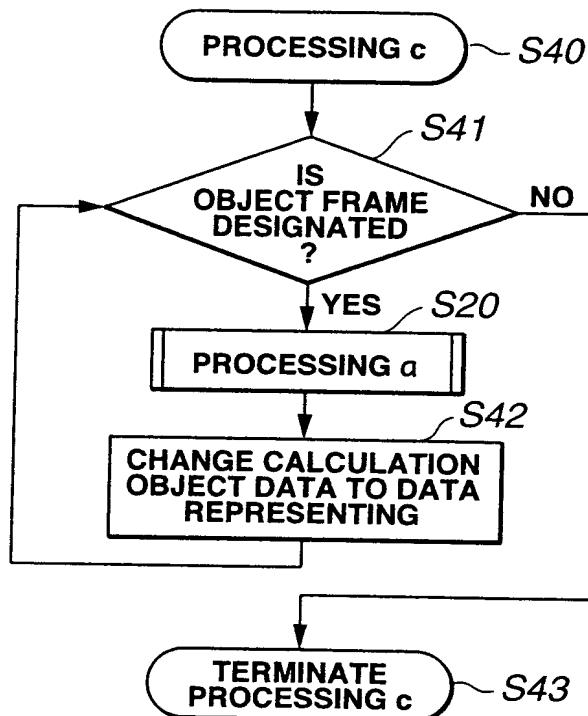


FIG.59

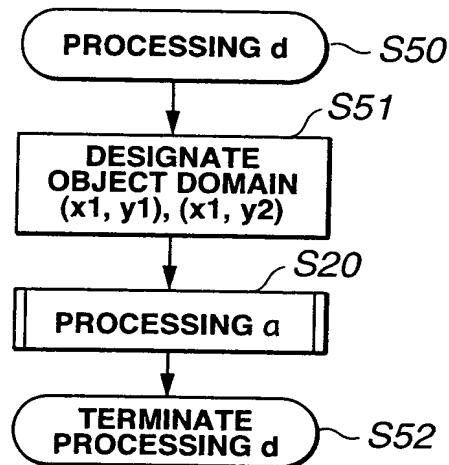


FIG.60

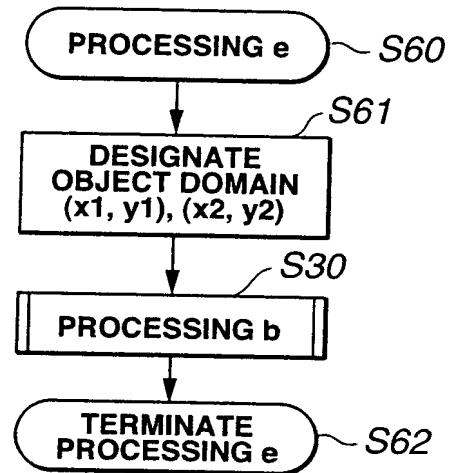


FIG.61

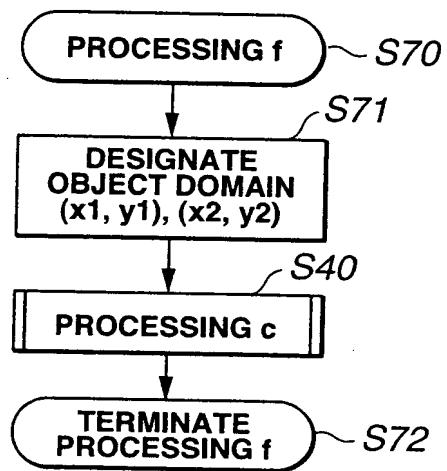


FIG.62

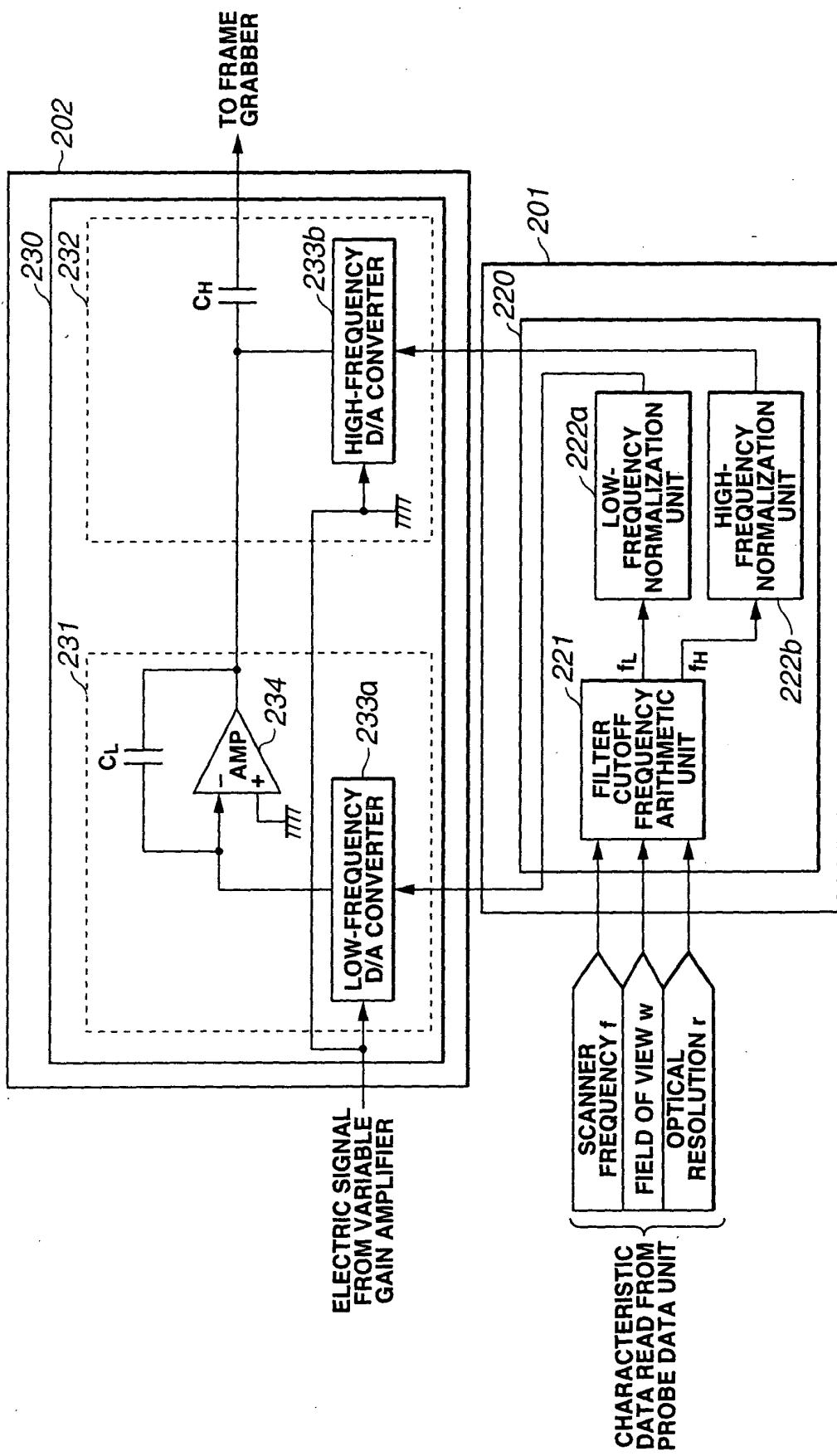


FIG.63

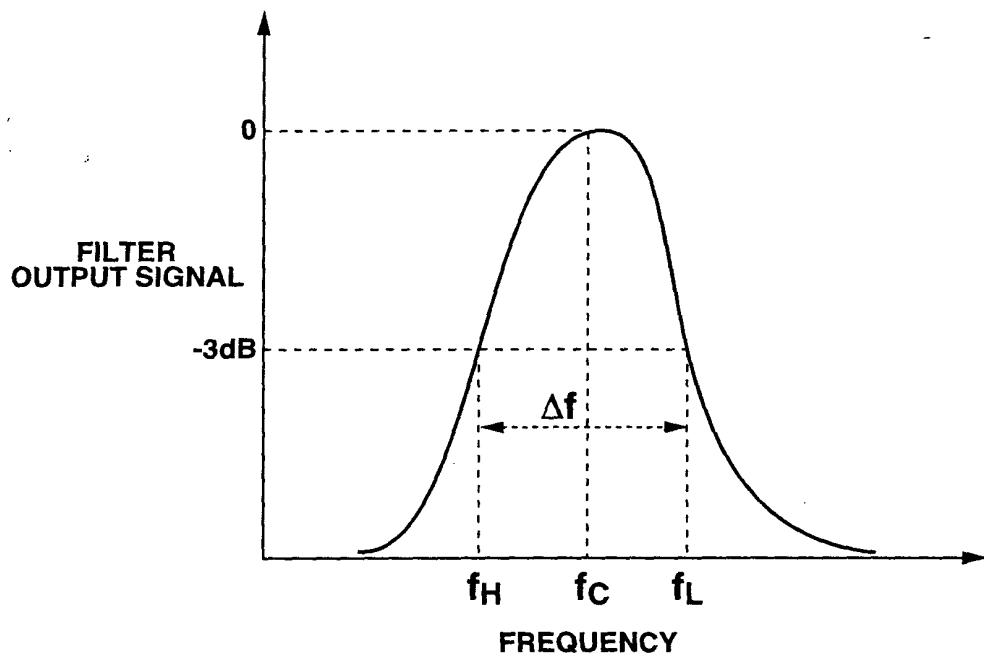


FIG.65

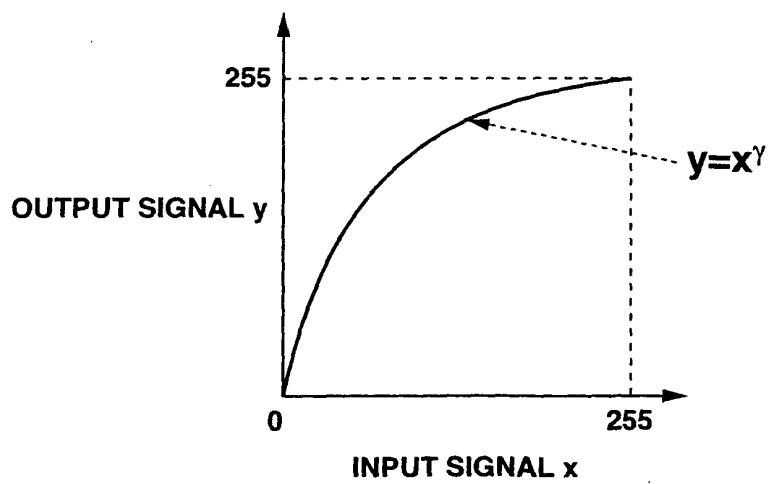


FIG.64

